

TYPE, FIGURED AND MENTIONED FOSSIL INVERTEBRATES IN THE QUEENSLAND MUSEUM

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A taxonomically arranged list of type, figured and mentioned fossil invertebrates held by the Queensland Museum is presented. Information for each specimen includes reference list, locality of collection, formation and age. Information on early collectors including de Vis, Hann, Daintree and Aplin is also included. □ *Type list, figured, mentioned, fossil, invertebrate, Queensland Museum, Hann, Daintree, de Vis, Aplin.*

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This list is the third in a series that details the Queensland Museum's holdings of type, figured and mentioned fossils; two previous lists recorded the plants (Rozefelds, 1986) and fish, reptiles and amphibians (Lees, 1986). The format and coverage of our list follows the two earlier lists in that synonymies and references to specimens are listed exactly as cited by authors. The present list differs from the earlier catalogues in that specimens are listed alphabetically by their most recent generic allocations. For ease of reference, there is an index at the end of this paper that records all synonyms used for the specimens. For each specimen, the Queensland Museum registration number (prefixed by 'F') and references are recorded, and, where known, formation and age. The list, in general, reflects the most recent published opinions as to status of the material in the Museum's collection. The dating of formations follows Day *et al.* (1983).

Some material mentioned by earlier researchers has not been located (e.g. Etheridge *fil.*, 1892, 1909; Whitehouse, 1924). These specimens were neither figured nor referred to by registration numbers and therefore cannot be identified confidently. Some specimens were never in the collection. For example, Whitehouse (1926, p.214) erroneously attributed the neotype of *Tropaeum australe* to the Queensland Museum collection. It is in the collection of the Geological Survey of Queensland (Day, 1974, p.5).

The earliest fossil type material deposited in the museum was studied by Etheridge (1872). This included the Richard Daintree Collection and material obtained from the Gympie gold field by Christopher D'Oyly Hale Aplin. Daintree was appointed Government geologist for Northern District of Queensland on the 14

April, 1868 and Aplin was appointed about the same time for Southern District (I. Sanker, pers. comm., 1989).

The history of the Daintree Collection is chequered. Etheridge (1872, p.326) recorded that 'the ship ('Queen of the Thames') which conveyed both Mr Daintree and his large collection of minerals and fossils from Melbourne, was wrecked off the east coast of Africa, near the village of Bredarsdorp; and, as may be supposed, neither minerals nor fossils were much improved by their *long* submergence prior to recovery. The labour and anxiety of many years' research to establish the age and nature of the stratified rocks of Queensland was then nearly lost; and but for the fortunate position of the ship near the shore, fresh collections must have been made to elucidate the physical character and structure of the Colony.'

Etheridge *fil.* (1892) refigured and discussed a large number of Daintree's specimens studied by Etheridge (1872). Subsequently, Etheridge *fil.* and Dun (1906, p.3) thought that the Daintree Collection was lost. This is not the case, although the whereabouts of some material described by Etheridge (1872) remains unresolved. These specimens may have been incorporated into the Queensland Museum collection. This is unlikely because the bulk of Etheridge's (1872) material was registered in 1917 and there is no mention of the missing specimens. Some of the material described by Etheridge (1872) was obtained by W.B. Clarke. It is possible that Clarke may have retained them and, subsequently, they were destroyed during the 1882 Garden Palace fire, Sydney (Etheridge *fil.* and Dun, 1906, p.3). There is no record of these specimens in either the Queensland Geological Survey (Susan

Parfrey, pers. comm., 1988). British Museum Natural History (R. Coeks, pers. comm., 1988). University of Queensland (Andrew Simpson, pers. comm., 1989) or the Australian Museum (Fletcher, 1971).

Aplin was involved in assessing the gold prospects in southern Queensland, including the Gympie area. The results of this field work appeared in six reports of the 'Legislative Council Journal' (Woods, 1964). The fossil collections made by Aplin from Gympie are particularly significant because many of the sites on the mining field are no longer accessible. As well, the specimens obtained were part of the initial collections of the Queensland Museum (Turner and Wade, 1986).

Aplin, in June-September, 1871, produced the first catalogue of fossils in the Museum. At that time, he was responsible for the Government's mineralogical collections in the Parliamentary Building, Queen Street, Brisbane (Mather and Belcher, 1986; Turner and Wade, 1986). Responsibility for the collections passed from the Philosophical Society to the government in that year. Aplin's catalogue included material obtained by Hackett, Dainree, Aplin and Gregory (Woods, 1964). This handwritten catalogue of 203 entries survives in the Queensland Museum.

Charles Walter de Vis became curator of the Museum in February, 1882 (Mather, 1986). He had collected extensively from the Rockhampton District. De Vis did not record separate localities for his material but in an extract from a letter quoted by Etheridge fil. (1892, p.199) dated 25th July, 1888 de Vis says:

'The fossils are from the Agricultural Reserve; from the Fitzroy at Laurel Bank, about ten miles from Rockhampton, westward to the Nine-mile Lagoon; thence to the Corporation Quarry, Athelstane Range, and to the northern nuterop (at foot of Bersekiers [*sic*]) of the synclinal beneath the township and bed of river'.

Some of the de Vis collection is also from the Clermont District.

Important collections were also obtained during the Hann Expedition, 1872, which explored areas of Cape York Peninsula. Hann and Taylor (the geologist of the expedition) collected specimens from 2 sites: the first and major site was on the Walsh River, probably near 'Boomers Hole' (Fig. 1). Hann (1873, p.1034) reports that:

'Having completed and satisfied myself of the nature of the country up the Walsh, I resolved to move on, which I did on the 15th July, by follow-

ing down the right bank of the river for three miles, through a poor country; here I came upon a limestone formation, which I found to be similar in character to that on the Flinders and the Barcoo. In passing over the ridges I noticed some fossils, which at once induced me to draw up and prosecute a further search. The camp was fixed on the steep bank of the river, which here presented banks sixty feet in depth, composed, near the surface, of a light calcareous soil a few feet in depth, resting on a deep bed of shale, in which limestone boulders of all sizes were imbedded and suspended, and in which the fossils were mostly found.

A more interesting spot for a scientific man can scarcely be conceived; here he is surrounded by the objects of his interest, they are under his feet like pebbles on the seashore, they are hanging above his head ready to crush him if not careful, he cannot move without seeing them around him on all sides; they were of all sizes, and numbers of them beautifully perfect; what, and how many to save was the puzzle, each new find exceeded the last one in beauty, until all the beautiful ones were sufficient to load a dray, could we have saved them, and, as I had not even one packhorse to carry these and the rock specimens, I was put to my wits' end how many to transport. However, Mr Taylor and myself collected the best of the various species, which we were content to secure and carry along with us. I found two or three bones of the vertebrae of a large animal, which were attached to each other by limestone.'

The Hann Expedition material was registered into the Museum collections in 1882. It was allocated the Donor registration number D212. Remarks in that register refer to it as part of the 'Old Collection'. Presumably most of the material obtained was collected from the Walsh River, although Hann in his diary also recorded fossils on the Mitchell River. He says (p.1048) that 'two or three varieties or forms were procured - not seen at the fossil camp' (i.e. Walsh River locality). The specimens collected from the Mitchell River have not been identified in the collection.

Etheridge fil. (1892, 1894) described many of the taxa collected by de Vis from the Rockhampton District and went on to research the Cretaceous ammonites of Queensland (Etheridge fil., 1909). Significantly, a large number of ammonites were obtained by the Hann Expedition from the Walsh River area.

Whitehouse (Honorary Palaeontologist, Queensland Museum 1927-1937) revised the Cretaceous ammonites in a series of papers.



FIG. 1. Map showing route of Hann's Expedition in the Mitchell/Walsh River Area, north eastern Queensland (extract from Hann's Diary, 1872). Arrow indicates major collecting site on Walsh River.

Woods (1953, 1957) described the macrurous decapods and Brachyura from the Queensland Cretaceous. Evans (1961, 1971) described Triassic Hemiptera from the Mount Crosby Formation in South Eastern Queensland. Recent foci of research in the museum have been the Cambrian trilobite faunas of North Western Queensland (Jell, 1970, 1975a, 1977); Ordovician nautiloids (Wade, 1977a,b); and Devonian crinoids Jell *et al.* (1988).

Abbreviations used in the text are the following: Fm, Formation; GSQ, Geological Survey of Queensland; GSWA, Geological Survey of Western Australia; QML, Queensland Museum Locality; UQL, University of Queensland, Geology Department Locality.

SYSTEMATIC LIST

Aconeceras walshense (Etheridge fil., 1892)

F1272

HOLOTYPE *Ammonites walshensis* Etheridge fil., 1892, p.493, pl. 42, figs 10,11.

Aconeceras walshense (Etheridge fil.,) Whitehouse, 1926, pp.203-4.

Aconeceras walshense (Tenison-Woods); Whitehouse, 1927, p.114, pl.16, figs 2a,b, text fig.6.

Aconeceras walshense (Etheridge, 1892); Hill *et al.*, 1968, pl. K8, fig.2.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Collected Hann's Expedition, 1872. Whitehouse (1927) incorrectly indicated Tenison-Woods as the author of this species. It was described by Etheridge fil. (1892).

F1594

Aconeceras walshense (Etheridge fil.,) Whitehouse, 1926, pp.203-4, pl.34, figs 1a,b, pl.37, fig.3.

Aconeceras walshense (Tenison-Woods); Whitehouse, 1927, p.114.

LOCALITY, FORMATION, AGE: As for F1272.

REMARKS: See F1272.

F1704

Aconeceras walshense (Etheridge fil.,) Whitehouse, 1926, pp.203-4.

Aconeceras walshense (Tenison-Woods); Whitehouse, 1927, p.114, pl.16, fig.3, text figs 1, 7.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: See F1272. Whitehouse records the locality for this specimen as Walsh River although the Queensland Museum Palaeontology register gives the locality as Western Queensland. The lithology is consistent with material from the Walsh River area.

F1871

Aconeceras walshense (Etheridge fil.,) Whitehouse, 1926, pp.203-4.

Aconeceras walshense (Tenison-Woods); Whitehouse, 1927, p.114.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: See F1272.

Actinocrinus sp.

F17784

Actinocrinus sp. ind.; Etheridge fil., 1892, pp.207-8.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

Alathyria pertexta Iredale, 1934

F6546

Alathyria pertexta Iredale, 1934; Hill *et al.*, 1970, pl.Cz5, figs 8a,b.

LOCALITY: Maryvale Creek, 0.5 miles NW of homestead, NEQ.

FORMATION: Unnamed fluvial deposit.

AGE: Pleistocene.

Amerianna carinata (Adams, 1861)

F6551

Amerianna carinata (Adams, 1861); Hill *et al.*, 1970, pl.Cz4, fig.11.

LOCALITY: Gowrie Creek, Darling Downs, SEQ.

FORMATION: Unnamed fluvial deposit.

AGE: Pleistocene.

Anadara trapezia (Deshayes, 1840)

F15649

Anadara trapezia (Deshayes, 1840); Hill *et al.*, 1970, pl.Cz5, figs 2a,b.

LOCALITY: Bullock Pt, Wide Bay, SEQ.

FORMATION: Unnamed marine deposit.

AGE: Pleistocene.

REMARKS: Previously registered as Mo2921 in the Queensland Museum Mollusca register.

Anidanthus springsurensis (Booker, 1932)

F2542

PARATYPE *Linoproductus springsurensis* Booker, 1932, pp.67-8, pl.3, figs 3,4.*Anidanthus springsurensis* (Booker); Hill, 1950, pp.10-2.*Anidanthus springsurensis* (Booker, 1932); Waterhouse and Briggs, 1986, pp.61-2.LOCALITY: Cattle Creek, Springsure Dome, CQ.
FORMATION: Lower Bowen Basin.

AGE: Permian.

F2543

PARATYPE *Linoproductus springsurensis* Booker, 1932, pp.67-8, pl.4, fig.3.*Anidanthus springsurensis* (Booker); Hill, 1950, pp.10-2.*Anidanthus springsurensis* (Booker, 1932); Waterhouse and Briggs, 1986, p.61-2.

LOCALITY, FORMATION, AGE: As for F2542.

F2544

PARATYPE *Linoproductus springsurensis* Booker, 1932, pp.67-8, pl.4, figs 1,2.*Anidanthus springsurensis* (Booker); Hill, 1950, p.10-2.*Anidanthus springsurensis* Booker, 1932; Waterhouse and Briggs, 1986, pp.61-62.

LOCALITY, FORMATION, AGE: As for F2542.

F2545

HOLOTYPE *Linoproductus springsurensis* Booker, 1932, pp.67-8, pl.3, figs 1,2.*Anidanthus springsurensis* (Booker); Hill, 1950, pp.10-2.*Anidanthus springsurensis* Booker, 1932; Waterhouse and Briggs, 1986, p.61-2.*Anidanthus springsurensis* (Booker, 1932); Parfrey, 1986, pp.59-60.

LOCALITY, FORMATION, AGE: As for F2542.

F2546

PARATYPE *Linoproductus springsurensis* Booker, 1932, pp.67-8, pl.3, figs 5,6.*Anidanthus springsurensis* (Booker); Hill, 1950, pp.10-2.*Anidanthus springsurensis* Booker, 1932; Waterhouse and Briggs, 1986, pp.61-2.

LOCALITY, FORMATION, AGE: As for F2542.

F2541

PARATYPE *Linoproductus springsurensis* Booker, 1932, pp.67-8, pl.4, fig.4.*Anidanthus springsurensis* (Booker); Hill, 1950, pp.10-2.*Anidanthus springsurensis* Booker, 1932; Waterhouse and Briggs, 1986, pp.61-2.

LOCALITY, FORMATION, AGE: As for F2542.

Aprathia rockhamptonensis (Mitchell, 1918)

F1233

cf. *Phillipsia woodwardi* Etheridge fil., 1892 p.215, pl.44, fig.6.SYNTYPE *Phillipsia rockhamptonensis* Mitchell, 1918, pp.440, 459-61, pl. 50, fig.8PARALECTOTYPE *Aprathia rockhamptonensis* (Mitchell, 1918) Engel and Morris, 1989 p.327-332, fig.12h.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection. Engel and Morris (1989) incorrectly record the type locality as Corner Creek, Great Star River, north Queensland, Star Beds. The Palaeontology register gives the locality as Rockhampton, MEQ.

F1234a/b

Phillipsia dubia Etheridge; Etheridge, 1892, pp.214-5, pl.44, fig.4.SYNTYPE *Phillipsia rockhamptonensis* Mitchell, 1918, pp.440, 459-61, pl. 49, figs 9, 10.LECTOTYPE *Aprathia rockhamptonensis* Mitchell Engel and Morris (1989), p.327-332, figs 12a-c.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: Mitchell (1918) referred to this specimen as 716 which is a de Vis collection number. Engel and Morris (1989) erroneously refer to counterparts F1234a and F1234b as a paralectotype and lectotype respectively. The only paralectotype is F1233 and the lectotype is F1234a/b. (See also F1233).

Archaeocidaris sp.

F17785

Archaeocidaris sp.; Etheridge fil., 1892, p.213.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

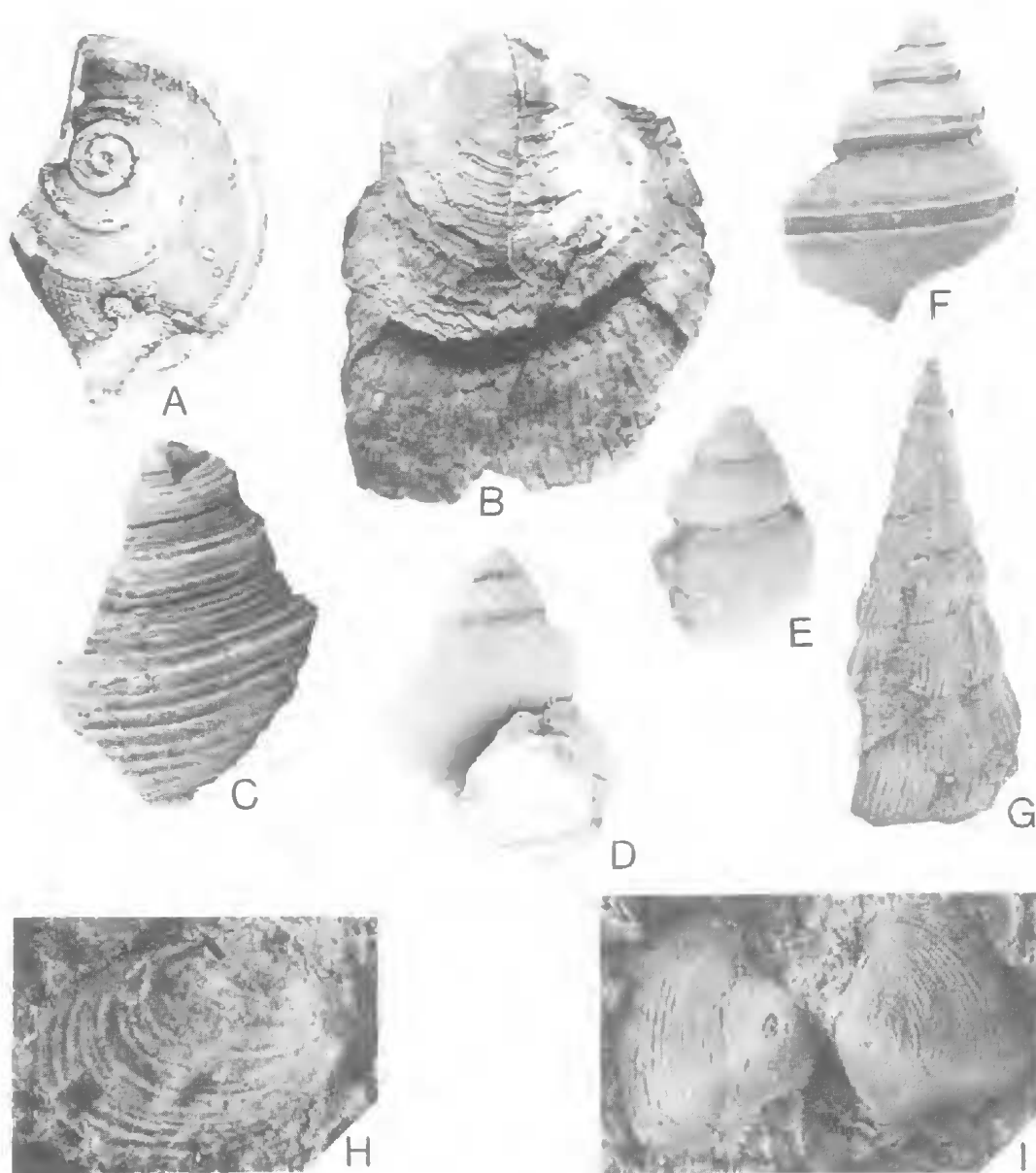


FIG. 2. A. HOLOTYPE *Luciella* (?) *grayae*, F1227, x3.2; B. *Athyris roysii* Leveillé, F1207, x3.7; C. *Baylea konincki* (Etheridge fil., 1890), F1222, x3.8; D. *Collabrina cliftoni* (Etheridge), F15648, x1.5; E. *Collabrina cliftoni* (Etheridge), F15648, x 2.0; F. *Collabrina cliftoni* (Etheridge), F15647, x2.0; G. *Ioxonema* sp, F1225, x4.4; H. SYNTYPE *Edmondia* (?) *smithi* Etheridge fil., 1894, F2837, x5.2; I. HOLOTYPE *Cypricardella rectangularis* Etheridge, F15647, x5.4.

Armenoceras sp.

F7229

Armenoceras sp. 4: Wade, 1977b, pp.308-9, fig.4.

LOCALITY: W side of small hill, 23°19'S, 138°06'E. CWO.

FORMATION: Lower Nora Fm.

AGE: Middle Ordovician.

Astacodes sp.

F2907

Astacodes sp.; Woods, 1957, p.159, pl.4, fig.1, text fig.2.*Astacodes* sp; Hill *et al.*, 1968, pl.K11, fig.5

LOCALITY: 'Currane', 10 miles N of Dartmouth, CQ.

FORMATION: Allaru Mudstone

AGE: Lower Cretaceous, (Albian).

Athyris roysii Leveillé, 1835

F1207 (Fig.2B)

Athyris roysii Leveillé; Etheridge fil., 1894, pp.529-30, pl. 39, fig.4.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Upper Carboniferous.

Aucellina hughendensis (Etheridge, 1872)

F3848

HOLOTYPE *Avicula hughendenensis* Etheridge, 1872, p.346, pl.25, fig.3.*Aucella hughendenensis* (Etheridge) Etheridge fil., 1892, pp.460-2, pl.25, fig.1.*Aucella hughendenensis* Etheridge; Etheridge fil., 1902a, p.67.*Aucella hughendenensis* Etheridge; Etheridge fil., 1902b, p.14.*Aucella hughendenensis* Etheridge; Etheridge fil., 1907, pp. 321-2.*Aucellina hughendensis* (Etheridge Snr, 1872); Hill *et al.*, 1968, pl.K4, fig.1.

LOCALITY: Hughenden Stn, c. 0.5 miles from Hughenden Stn, c. 3 miles from Mt Walker, near Hughenden, CQ.

FORMATION: Wallumbilla Fm, Ranmoor Member.

AGE: Lower Cretaceous.

Australiceras irregulare (Tenison-Woods, 1883)

F1265

Crioceras jackii, Eth. fil.; Etheridge fil., 1909, pp.145-8, pl.37, fig.2.*Australiceras gracile* (Sinzow); Whitehouse, 1926, pp.211-2.*Australiceras irregulare* (Tenison-Woods, 1883); Day, 1974, pp. 10-12, Table 1.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

F1268

Crioceras jackii, Eth. fil.; Etheridge fil., 1909, pp.145-8, pl. 36, fig.1.*Australiceras gracile* (Sinzow); Whitehouse, 1926, pp.211-2.*Australiceras irregulare* (Tenison-Woods, 1883) in Day, 1974, pp. 1, 10-11, Table 1, pl.6, figs 2a-c.

LOCALITY: Victoria Downs, Morven (see remarks).

FORMATION: ?

AGE: Lower Cretaceous.

REMARKS: F1268 was previously registered in the Donor Register as D7710.12. D7710 is recorded in the Donor register as a 'miscellaneous collection of fossils see Catalogue of Fossils'. Unfortunately no catalogue has been found. D7710 includes material from various localities, e.g., Gilbert River, Walsh River, NQ. and the *Simbirskites* specimens (*q.v.*), which are probably from North Germany. While Whitehouse (1928) records the locality for F1268 (and the *Simbirskites* specimens) as Victoria Downs, Morven, the provenance of this specimen and other D7710 material is uncertain.

F1269

Crioceras jackii, Eth. fil.; Etheridge fil., 1909, pp.145-8, pl.35, fig.1.*Australiceras* aff. *irregulare* (Tenison-Woods); Whitehouse, 1926, p.210.*Australiceras irregulare* (Tenison-Woods, 1883); Day, 1974, pp. 10-12, Table 1.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Collected Hann's Expedition, 1872.

F1391

Australiceras irregulare (Tenison-Woods); Whitehouse, 1926, p. 210, pl.37, figs 1a,b.

LOCALITY: Wrotham Park Stn, Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Collected Hann's Expedition, 1872.

F1392

Australiceras gracile (Sinzow); Whitehouse, 1926, pp.211-2, pl. 34, fig.4.

LOCALITY: not recorded.

FORMATION: ?

AGE: Lower Cretaceous.

REMARKS: This specimen was not mentioned in Day's (1974) paper, but is probably referable to *A. irregulare*.

Australiceras jacki (Etheridge fil., 1880)

F1267

Crioceras jackii Eth. fil.; Etheridge fil., 1909, pp.145-8, pl.38, fig.3.

Australiceras jacki (Etheridge fil.) Whitehouse, 1926, pp.209-10.

Australiceras jacki (Etheridge Jr. 1880); Day, 1974, pp.9-10, Table 1.

LOCALITY: Hughenden Station, sheep wash water-hole, 800m from Stn, and 5km E of Mt Walker, near Hughenden, CQ.

FORMATION: ?Wallumbilla Fm.

AGE: Lower Cretaceous.

F1390

HOLOTYPE *Australiceras transiente* Whitehouse, 1926, p.212, pl. 34, figs 3a,b.

Australiceras jacki (Etheridge Jr. 1880); Day, 1974, pp.8-10, Table 1.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

F1396

Australiceras robustum Whitehouse, 1926, p.211.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Day (1974) synonymised *A. robustum* with *A. jacki*. The matrix of this specimen originally contained F1271 and F1797, which were referred to *Tonohamites taylori* by Day (1974).

F1597

Australiceras jacki (Etheridge fil.) Whitehouse, 1926, pp.209-210, pl.34, fig.2.

Australiceras jacki (Etheridge Jr., 1880); Arkell *et al.*, 1957, pp.L211, L213, fig.240-6.

Australiceras jacki (Etheridge, 1880); Hill *et al.*, 1968, pl. K7, fig.1.

Australiceras jacki (Etheridge Jr., 1880); Day, 1974, pp.9-10, Table 1.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Collected Hann's Expedition, 1872. Whitehouse (1926, pp.209-10) erroneously referred to F1597 as holotype of this species. The type material however had been originally figured by Etheridge (1880) and the lectotype was selected by Day (1974) and is held in the Geological Survey of Queensland (GSQ F1385).

Aviculopecten laurienti Etheridge fil., 1892

F1209

SYNTYPE *Aviculopecten laurienti* Etheridge fil., 1892, pp.268-9, pl.43, fig.4.

Euchondria laurienti (Etheridge, 1892); Maxwell, 1964, p.49.

Aviculopecten laurienti Etheridge, 1892b; Waterhouse, 1982, p. 8.

LOCALITY: Rockhampton, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

Baylea konincki (Etheridge fil., 1890)

F1222 (Fig.2C)

Yvania konincki Eth. fil.; Etheridge fil., 1892, p.288, pl. 41, fig.7.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?

AGE: Carboniferous.

REMARKS: De Vis Collection. Generic assignment changed by Knight *et al.* (1960, p. L202).

Bellerophon sp.

F1223

Bellerophon sp.; Etheridge fil., 1894, p.537, pl.39, fig.8.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

Bembicium melanostoma (Gmelin, 1791)

F6552

Bembicium melanostoma (Gmelin, 1791); Hill *et al.*, 1970, pl. C24, fig.15.

LOCALITY: Nudgec, SEQ.

FORMATION: Unnamed estuarine deposit.

AGE: Pleistocene/Holocene?

Beudanticeras daintreei (Etheridge, 1872)

F3851

SYNTYPE *Ammonites daintreei* Etheridge, 1872, p.346, pl.24, fig.1 (apertural view only).*Ammonites daintreei* Etheridge; Etheridge fil., 1892, p.495, pl.29, fig.1.*Beudanticeras* (?) *daintreei* (Etheridge) Whitehouse, 1926, p.221, text fig.2.LECTOTYPE *Boliteceras daintreei* (Etheridge) Whitehouse, 1928, pp.203-4, pl.26, fig.2.*Beudanticeras daintreei* (Etheridge); Arkell *et al.*, 1957, p. L368.

LOCALITY: Hughenden - about 800m from Hughenden Stn, and about 5km E of Mt Walker, CQ.

FORMATION: ?Allaru Mudstone.

AGE: Lower Cretaceous.

REMARKS: See *Beudanticeras perlatus* (F1276). Daintree Collection.

F3852

SYNTYPE *Ammonites daintreei* Etheridge, 1872, p.346, pl.24, fig.2.*Ammonites daintreei* (Etheridge) Etheridge fil., 1892, p.495, pl.29, fig.3.*Beudanticeras* (?) *daintreei* (Etheridge) Whitehouse, 1926, p.221.*Boliteceras perlatus* Whitehouse, 1928, p.204.*Beudanticeras daintreei* (Etheridge); Arkell *et al.*, 1957, p. L368.*Boliteceras* [sic] *daintreei* (Etheridge Snr, 1872); Hill *et al.*, 1968, pl.K8, fig.4.

LOCALITY: Hughenden, CQ.

FORMATION: Wallumbilla Fm., Ranmoor Member.

AGE: Lower Cretaceous.

Beudanticeras flindersi (McCoy, 1865)

F1382

Beudanticeras flindersi (McCoy); Whitehouse, 1926, pp.219-20, text fig.1.*Beudanticeras flindersi* (McCoy); Whitehouse, 1928, pp.201-3.

LOCALITY: Coolibah, Hughenden, CQ.

FORMATION: ?Wallumbilla Fm.

AGE: Lower Cretaceous.

Beudanticeras mitchelli (Etheridge, 1872)

F1274

Ammonites beudanti Brongn., var. *mitchelli* Etheridge,

1872, p.345, pl. 23, fig.1 (lateral and apertural views).

Ammonites flindersi McCoy; Etheridge fil., 1892, pp.494-5, pl.30, figs 1,2.*Beudanticeras flindersi* (McCoy) Whitehouse, 1926, pp.219-20.LECTOTYPE *Beudanticeras mitchelli* (Etheridge) Whitehouse, 1928, p.201, pl.25, fig.2.

LOCALITY: Hughenden, CQ.

FORMATION: ?Allaru Mudstone.

AGE: Lower Cretaceous.

REMARKS: Whitehouse (1928, p.206) erroneously listed this Hughenden specimen as coming from Marathon (Daintree, 1872).

F1275

Ammonites beudanti Brongn., var. *mitchelli* Etheridge, 1872, p.345, pl. 23, fig.2.*Ammonites flindersi* McCoy; Etheridge fil., 1892, pp.494-5, pl.30, fig.3.*Beudanticeras flindersi* (McCoy); Whitehouse, 1926, pp.219-20.*Beudanticeras mitchelli* (Etheridge); Whitehouse, 1928, pp.201-2.

LOCALITY: Hughenden, CQ.

FORMATION: ?Allaru Mudstone

AGE: Lower Cretaceous.

REMARKS: Daintree Collection.

Beudanticeras perlatus (Whitehouse, 1928)

F1276

Ammonites daintreei Etheridge, 1872, p.346, pl.24, fig.1 (see remarks).*Ammonites daintreei* Etheridge; Etheridge fil., 1892, p.495, pl.29, fig.2.HOLOTYPE *Boliteceras perlatus* Whitehouse, 1928, p.204, pl.26, fig.3.*Beudanticeras perlatus* (Whitehouse, 1928) Arkell *et al.*, 1957, p. L368.

LOCALITY: Hughenden, CQ.

FORMATION: ?Allaru Mudstone.

AGE: Lower Cretaceous.

REMARKS: Whitehouse (1928, p.204) considered that Etheridge (pl.24, fig.1) was a composite figure based upon this specimen and F3851. Etheridge (1872) figured most of his material faithfully including imperfections and cracks. He also had complete specimens of this taxon to figure. It is therefore surprising and we think unlikely that he chose to produce a composite figure. However, no specimen in our collection matches Etheridge's original figure and this presumably led Whitehouse to his interpretation.

Beudanticeras sutherlandi (Etheridge, 1872)

F1273

HOLOTYPE *Ammonites sutherlandi* Etheridge, 1872, p.345, pl.21, fig.4.*Ammonites sutherlandi* (Etheridge); Etheridge fil., 1892, p.496, pl.29, fig.4.*Beudanticeras* (?) *sutherlandi* (Etheridge); Whitehouse, 1926, p.222.*Beudanticeras sutherlandi* (Etheridge); Whitehouse, 1928, p.202, pl.25, fig.4.*Beudanticeras sutherlandi* (Etheridge Snr., 1872); Hill *et al.*, 1968, pl.K9, fig.2.

LOCALITY: ?McKinlay's Range or Marathon Stn, CQ.

FORMATION: ?Allaru Mudstone.

AGE: Lower Cretaceous.

REMARKS: All previous authors record the locality of this specimen as Marathon or Marathon Stn. This specimen was previously registered as D222 in the Queensland Museum Donor register which records the locality as McKinlay's Range.

Beudantiella ogilviei (Whitehouse, 1928)

F1897

Cophinoceras ogilviei Whitehouse, 1928, p.205.*Beudantiella ogilviei* (Whitehouse) Breistroffer, 1947, p.83.

LOCALITY: Near mouth of Bynoe River, on Normanton-Burketown Rd, NQ.

FORMATION: Normanton Fm.

AGE: Lower Cretaceous, (Albian).

REMARKS: *Beudantiella* Breistroffer (1947) replaces Whitehouse's *Cophinoceras*, which had been previously occupied by *Kophinoceras* Hyatt. (Arkell *et al.*, 1957, p.L368).

F2043

HOLOTYPE *Cophinoceras ogilviei* Whitehouse, 1928, p.205, pl.26, figs 4a,b.*Cophinoceras ogilviei* Whitehouse, 1928; Hill *et al.*, 1968, pl. K8, fig.5.

LOCALITY, FORMATION, AGE: As for F1897.

REMARKS: See F1897.

Brachymetopus maccoyi var. *spinimarginatus* Hahn and Hahn, 1969

F2839

SYNTYPE *Brachymetopus dunstani* Mitchell, 1918, p.486-8, pl.51, fig.4; pl.52, fig.1.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis collection No. 712. Other poorly preserved *Brachymetopus* pygidial fragments are associated with this specimen (Mitchell, 1918). This specimen is referable to *B. maccoyi* var. *spinimarginatus* Hahn and Hahn, 1968 (B. Engel, pers. comm., 1988).*Bucania textilis* de Koninck, 1883

F1224

Bucania textilis de Koninck ?; Etheridge fil., 1892, p.290, pl.41, fig.8.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

Burrows

F1198

Burrow; Etheridge fil. 1892, pp.297-9, pl.44, fig.15.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?

AGE: Carboniferous?

REMARKS: The figure is laterally reversed in Etheridge fil., (1892, pl.44, fig.15).

F1199

Burrow; Etheridge fil., 1892, pp.297-9, pl.39, fig.1.

LOCALITY, FORMATION, AGE: As for F1198.

REMARKS: specimen missing.

F1200

Burrow; Etheridge fil., 1892, pp.297-9, pl.44, fig.16.

LOCALITY, FORMATION, AGE: As for F1198.

F1201

Burrow; Etheridge fil., 1892, pp.297-9, pl.44, fig.17.

LOCALITY, FORMATION, AGE: As for F1198.

F1202

Burrow; Etheridge fil., 1892, pp.297-9, pl.44, fig.18.

LOCALITY, FORMATION, AGE: As for F1198.

? *Caucrinelloides* sp.

F14414

Productus cora d'Orb.; Etheridge, 1872, pp.328-9, pl.15, fig.1.*Productus cora* d'Orb.; Etheridge fil., 1892, p.248, pl.12, fig.14.

LOCALITY: Caledonian Reef, Gympie, SEQ.

FORMATION: Rammutt Fm.

AGE: Permian.

REMARKS: Waterhouse and Balfe (1987) considered that *P. cora* was allied to *Cancrineloides*.

F14415

Productus cora d'Orb.; Etheridge, 1872, pp.328-9, pl.15, fig. 2.

LOCALITY: Gympie, SEQ.

FORMATION: Rammutt Fm.

AGE: Permian.

REMARKS: See F14414 above.

Carpocrinid indet.

F14881

Carpocrinid indet.; Jell *et al.*, 1988, p.364-6, figs 7g-j.

LOCALITY: OML547 = (UQL5209) Burges topographic sheet [648459] prominent limestone knoll on left bank 100m from mouth of 2nd left bank side creek upstream from Jack Hills Gorge on the Broken River, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Burges Fm.

AGE: Early Middle Devonian, (Late Emsian-early Eifelian).

Cercopoidea incertae sedis

F6498a/b

Cercopoidea incertae sedis; Evans, 1971, p.146, fig.4a.

LOCALITY: Mt Crosby, SEQ, Upper Bed, 910805-911805, Ipswich 1 mile military map.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic (Carnian).

F6542a

Cercopoidea incertae sedis; Evans, 1971, p.146, fig.4b.

LOCALITY, FORMATION, AGE: As for F6498.

F6507a/b

Cercopoidea incertae sedis; Evans, 1971, p.146.

LOCALITY, FORMATION, AGE: As for F6498.

Charybdis callianassa (Herbst, 1789)

F6559

Charybdis callianassa (Herbst, 1789); Hill *et al.*, 1970, pl.Cz 6, fig.10.

LOCALITY: Ayr, NO.

FORMATION: Unnamed estuarine deposit.

AGE: Pleistocene/Holocene.

Chelodes whitehousei Runnegar, Pojeta, Taylor and Collins, 1979

F10087, F10091, F10095, F10098-F10102, F10104

PARATYPES *Chelodes whitehousei* Runnegar, Pojeta, Taylor and Collins, 1979, pp.1374-94, F10087, pl.2, figs 4-6; F10091, pl. 2, figs 12-14; F10095, pl.2, figs 24-25, 30; F10098, pl.2, figs 36-38; F10099, pl.2, figs 42-44; F10100, pl.2, fig.45; F10101, pl.2, figs 46-47; F10102, pl.2, figs 48-50; F10104, pl.2, figs 57-59.

LOCALITY: OML278, G25, Glenormiston Stn road about 5kms E of No. 21 Bore, Glenormiston Stn, WCQ.

FORMATION: Ninmaroo Fm.

AGE: Lower Tremadocian, (Datsonian).

F10088, F10090, F10092-F10094, F10096-F10097, F10103

PARATYPES *Chelodes whitehousei* Runnegar, Pojeta, Taylor and Collins, 1979, pp.1374-94; F10088, pl.2, fig.7; F10089, pl.2, figs 8-10; F10090, pl.2, figs 11-15; F10092, pl.2, figs 16-18; F10093, pl.2, figs 19-21; F10094, pl.2, figs 22-23; F10096, pl.2, figs 26-28; F10097, pl. 2, figs 33-35; F10103, pl.2, figs 51-53.

LOCALITY: OML278, G24, Glenormiston Stn road c. 8kms E of No. 21 bore, Glenormiston Stn, WCQ.

FORMATION: Ninmaroo Fm.

AGE: Lower Tremadocian, (Datsonian).

Chthamalus sp.

F2026a

Chthamalus sp.; Withers, 1932, pp.122-3.

Chthamalus sp.; Hill *et al.*, 1970, pl.Cz6, fig.3.

LOCALITY: Magnetic Island, NQ.

FORMATION: Raised beach rock.

AGE: Pleistocene/Holocene?

REMARKS: Withers (1932) used F2026 for four different taxa. This specimen has been reregistered as F2026a.

Collabrina cliftoni (Etheridge, 1872)

F15647-48, F16566 (Figs 2D-F)

Pleurotomaria cliftoni Etheridge, 1872, p.347, pl.25, fig.4.

Pleurotomaria ? cliftoni Etheridge; Etheridge fil., 1892, pp. 484-5, pl.29, fig.10 (refigured Etheridge's, 1872 illustration).

Pleurotomaria (?) cliftoni Etheridge; Etheridge fil., 1902a, p. 79.

LOCALITY: Head of Roper Creek, Gordon Downs Stn, CQ.

FORMATION: ?Blenheim Sub-group.

AGE: Upper Permian.

REMARKS: Three specimens (F15647-48, F16566) from Gordon Downs are in the Queensland Museum collections and were collected by W.B. Clarke (Daintree, 1872, p.283). Stock Mortgages and bills of sale and other State Archive records indicate that the only Gordon Downs Stn existing in Queensland in the 1860's (at the time of collection) was in the Clermont District, north of Emerald. Maps showing station boundaries in the 1880's indicate that Roper Creek commenced near the northern boundaries of the station. Earlier maps that might show the extent of the station in the 1860's do not exist. The Gordon Downs property and adjoining Malvern Downs Stn, which includes the headwaters of the Roper Creek, were owned in the 1860's by Samuel and Roderick Travers, respectively.

Pleurotomaria cliftoni has been missed or ignored by subsequent workers possibly because of confusion regarding the locality. Etheridge (1872) considered the material equivalent to the English Oolite, presumably inferring a Jurassic age for this material. Etheridge fil. (1892) confused the whereabouts of the locality by suggesting it was near Roma, because of the existence of a Gordon Downs Stn in that area. He referred the material to the Rolling Downs Group (Cretaceous) but noted that 'the resemblance of this species to a typical *Pleurotomaria* is not a marked one, in fact it is very much more like the Palaeozoic shells called *Murchisonia* with rounded whorls'. Daintree (1872, p.283) commented that the Gordon Downs material 'on Mr Etheridge's authority may be referred to the same horizon as the Pelican Creek Beds'. These beds are now recognised as Permian in age (Olgers, 1969). Furthermore Daintree (1872, p. 286) collected a typically Permian fauna of *Spirifera* spp. and *Productus clarkei* from presumably the same area. This collection was separate to the one made by the Rev. W.B. Clarke which included *Pleurotomaria* and bivalves. All the Queensland Museum material from Gordon Downs including a specimen figured as *Myacites* sp. by Etheridge (1872) were given the No. 010. The number does not pertain to any known Museum register.

The Queensland Museum specimens of *Pleurotomaria cliftoni* differ in size from Etheridge's original figure, however there is little doubt that they are part of the original material collected and are topotypes. *Pleurotomaria clif-*

toni is referable to the Permian genus *Collabrina* based on the high-spined shell with convex whorls and prominent selenizone and is probably conspecific with *Collabrina parva* (Wass). Topotypes from this locality, F15647 and F15648, are figured (Figs 3A,B).

Conophillipsia grandis (Etheridge fil. 1892)

F1232

SYNTYPE *Phillipsia woodwardi* Etheridge fil., 1892, p.215, pl. 44, fig.5.

Phillipsia woodwardi Eth. fil.; Mitchell, 1918, pp.465-71, pl.49, fig.9, pl.50, fig.11, pl.51, fig.12.

Conophillipsia grandis (Etheridge Jr, 1892) Engel and Morris, 1984, pp.53-8, figs 18c, 19a.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous, (late Tournaisian).

REMARKS: De Vis Collection.

Conophillipsia subquadrata Engel and Morris, 1984

F2839

Phillipsia woodwardi Eth. fil.; Mitchell, 1918, pp.465-71, pl.51, fig.14; pl.52, fig.1.

Conophillipsia subquadrata Engel and Morris, 1984, pp.50-3, figs 16b,e; 17h.

LOCALITY: Trilobite Ridge, Mt Morgan, MEQ.

FORMATION: ?

AGE: Lower Carboniferous, (mid-Tournaisian).

REMARKS: The number 712 referred to in Mitchell (1918) is a de Vis collection number.

Corbiculina australis (Deshayes, 1830)

F6547

Corbiculina australis (Deshayes, 1830); Hill *et al.*, 1970, pl. Cz 5, fig.10.

LOCALITY: Maryvale Creek, 0.5kms NW of homestead, NEQ.

FORMATION: Unnamed fluvial deposit.

AGE: Pleistocene.

Crassostrea commercialis (Iredale and Roughley, 1933)

F6548

Crassostrea commercialis (Iredale and Roughley, 1933); Hill *et al.*, 1970, pl.Cz5, fig.1.

LOCALITY: Nudgee, SEQ.

FORMATION: Unnamed estuarine deposit.

AGE: Pleistocene/Holocene.

Crinoid attachment bases

F14858

Crinoid attachment bases; Jell *et al.*, 1988, p.397, fig.27p.

LOCALITY: UQL5318, Wando Vale [565395] 65-116m above base of formation in gully 2.2km NE of Storm Dam, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Givetian, Middle Devonian.

REMARKS: Jell *et al.* (1988) refer to this specimen as F14860 on p.397. The correct number is F14858 as on figure caption p.396.

F14859

Crinoid attachment bases; Jell *et al.*, 1988, p.397 fig.27q.

LOCALITY, FORMATION, AGE: As for F14858.

Crinoid calyx

F1194

'Crinoid calyx'; Etheridge *fil.*, 1892, p.210, pl.44, fig.8.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Early Carboniferous.

Crinoid indeterminate

F14951

Crinoid indet 1.; Jell *et al.*, 1988, p.397, figs7a-c.

LOCALITY: QML547 (= UQL5209) Burges [648459] prominent limestone knoll on left bank 100m from mouth of 2nd left bank side creek upstream from Jacks Hill's Gorge on the Broken River, Wando Vale Station, 150km NW of Charters Towers, NQ.

FORMATION: Burges Fm.

AGE: Late Emsian - Givetian. Early Middle Devonian.

REMARKS: Jell *et al.* (1988) refer to this specimen as F14591 on p.397. The correct number is F14951 as on figure caption 365.

F14952

Crinoid indet 1.; Jell *et al.* (1988, p.397, fig.7e).

LOCALITY, FORMATION, AGE: As for F14951.

REMARKS: Jell *et al.* (1988) refer to this specimen as F14592 on p.397. The correct number is F14952 as on figure caption p.365.

F14953

Crinoid indet 1.; Jell *et al.*, 1988, p.397, fig.7f.

LOCALITY, FORMATION, AGE: As for F14591.

REMARKS: Jell *et al.* (1988) refer to this specimen as F14593 on p.397. The correct number is F14953 as on figure caption p.365.

F14954

Crinoid indet 1.; Jell *et al.*, 1988, p.397, fig.7d.

LOCALITY, FORMATION, AGE: As for F14591.

REMARKS: Jell *et al.* (1988) refer to this specimen as F14594 on p.397. The correct number is F14954 as on figure caption p.365.**Crinoid cf. *Stemmatocrinus***

F1196

'Basal cup of Crinoid cf. *Stemmatocrinus*'; Etheridge *fil.*, 1892, p.208, pl.44, fig.7.

LOCALITY: Stony Ck, Stanwell, nr Rockhampton MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: Preserved on the same specimen are arms of crinoids referred to by Etheridge *fil.* (1892, p.210).***Crosaphis anomala* Evans, 1971**

F6508a/b

HOLOTYPE *Crosaphis anomala* Evans, 1971, p.147, fig.3a.

LOCALITY: Mt Crosby, SEQ, Upper Bed, 9J0805-911805, Ipswich 1 mile military map.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic (Carnian).

***Cucullaea semistriata* Moore, 1870**

F5595, F5598-F5600, F5602

Cucullaea semistriata Moore, 1870; Skwarko, 1974, pp.74-6, text fig.3.

LOCALITY: ?Newmarracarra Limestone, Western Australia

FORMATION: ?Newmarracarra Limestone.

AGE: Middle Jurassic, (Bajocian).

***Cupressocrinites abbreviatus* Goldfuss, 1839**

F14582

Cupressocrinites abbreviatus Goldfuss, 1839; Jell *et al.*, 1988, pp.393-5.

LOCALITY: UQL5293, Wando Vale [524369] gully 400m E of the divide between Dosey and Page Creeks, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.
AGE: Middle Devonian, (?Givetian).
REMARKS: This formation was formally named by Lang *et al.* (1989) as Papilio Mudstone.

F14585-F14586

Cupressocrinites abbreviatus Goldfuss, 1839; Jell *et al.*, 1988, pp.393-5.

LOCALITY: UQL5229, Wando Vale topographic Sheet (560371) right bank of Storm Dam Creek about 50m upstream from the confluence with the gully into which Storm Dam overflows when filled, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (Givetian).

REMARKS: Jell *et al.*, (1988) erroneously record the locality for this specimen as UQL5348. Otherwise as for F14582.

F14587-F14589

Cupressocrinites abbreviatus Goldfuss, 1839; Jell *et al.*, 1988, pp.393-5.

LOCALITY: UQL5277, Wando Vale topographic Sheet [570409], 51-56m above base of section 300m ESE of The Volcano, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, probably early Givetian.

REMARKS: As for F14582.

F14598-F14599, F14601, F14603

Cupressocrinites abbreviatus Goldfuss, 1839; Jell *et al.*, 1988, pp.393-5.

LOCALITY: UQL5356, Wando Vale topographic Sheet [554367] east flank of Spongophyllum Hill, in head of eroding gully, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, Givetian.

REMARKS: As for F14582.

F14788

Cupressocrinites abbreviatus Goldfuss, 1839; Jell *et al.*, 1988, pp.393-5.

LOCALITY: From float in Burdekin River near Big Bend, north of Charters Towers, NQ.

FORMATION: ?Burdekin Fm.

AGE: Middle Devonian.

F14856

Cupressocrinites abbreviatus Goldfuss, 1839; Jell *et al.*, 1988, pp.393-5, fig.26g.

LOCALITY: UQL5318, Wando Vale topographic Sheet (565395) 65-116m above base of forma-

tion in gully 2.2km NE of Storm Dam, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (Givetian).

REMARKS: This specimen was omitted from the list of material on p.393 but is figured on p.394. Otherwise as for F14582.

F14868, F14873, F14875

Cupressocrinites abbreviatus Goldfuss, 1839; Jell *et al.*, 1988, pp.393-5.

LOCALITY: UQL5321, Wando Vale topographic Sheet [562390] creek section 3km NE of Storm Dam, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (late Eifelian-Givetian).

REMARKS: As for F14582.

Cupressocrinites sp. cf. *C. gracilis* Goldfuss, 1831

F14841

Cupressocrinites sp. cf. *gracilis* Goldfuss, 1831; Jell *et al.*, 1988, p.395, figs27i,j.

LOCALITY: UQL3579, Burges [687683] one of 5 localities collected from E to W along the fence line, 600m E of Martins Well windmill, from upper part of limestone which is slightly folded, Martins Well Area, 8km E of Pandanus Creek Homestead, 200km NW of Charters Towers, NQ.

FORMATION: Upper Martins Well Limestone Member, Shield Ck Fm.

AGE: early Devonian, (early Pragian).

Cypricardella rectangularis Etheridge fil., 1894

F1216 (Fig.21)

HOLOTYPE *Cypricardella rectangularis* Etheridge fil., 1894, pp. 531-2, pl.39, fig.5.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

Decorotergum warrenae Jell, 1983

F12294

HOLOTYPE *Decorotergum warrenae* Jell, 1983, pp.195-9, figs 1a,b,c,d, text fig 2.

LOCALITY: Kolane Station, 58km ENE of Taroom, SEQ.

FORMATION: Westgrove Ironstone Member, Evergreen Fm.

AGE: Jurassic (Late Liassic).

F12295

PARATYPE *Decorotergum warrenae* Jell, 1983, pp.195-9, figs 1e,f,g,h.

LOCALITY, FORMATION, AGE: As for F12294.

F12296

Decorotergum warrenae Jell, 1983, pp.195-9.

LOCALITY, FORMATION, AGE: As for F12294.

Deltopecten limaeformis (Morris, 1845)

F1208a,b

HOLOTYPE *Aviculopecten multiradiatus* Etheridge, 1872, p.327, pl.13, fig.1.

Aviculopecten multiradiatus Etheridge; Etheridge fil., 1892, p. 268.

Aviculopecten squamuliferus (Morris); Fletcher and Dun, 1929, p.5.

Deltopecten limaeformis (Morris) 1845; Runnegar and Ferguson, 1969, p.251.

?*Corrugopecten squamuliferus* (Morris, 1845); Waterhouse, 1982b, pp.8,37.

Squamuliferipecten squamuliferus (Morris, 1845); Waterhouse, 1987a, p.157.

Deltopecten limaeformis (Morris) ?; Waterhouse and Balfe, 1987, pp.24, 30, pl.1, fig.10.

LOCALITY: Lady Mary Reef, Gympie, SEQ.

FORMATION: Rammutt Fm.

AGE: Lower Permian.

REMARKS: Waterhouse (1982, p.37) erroneously recorded this Daintree specimen as housed in the GSO.

F14391

Deltopecten limaeformis (Morris) ?; Waterhouse and Balfe, 1987, pp.24, 30, pl.1, fig.11.

LOCALITY: Gympie, SEQ.

FORMATION: Rammutt Fm.

AGE: Permian.

Dielasma sp.

F1206

Dielasma sp.; Etheridge fil., 1892, p.227, pl.40, figs. 1,2.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?

AGE: Carboniferous.

Dimitobelus sp.

F6089

Dimitobelus sp.; Hill et al., 1968, pl.K2, figs 15a,b,c.

LOCALITY: Marion Downs, near Boulia, CWQ.

FORMATION: ?Toolebuc Fm.

AGE: Albian.

Dolatocrinus peregrinus Jell et al., 1988

F14818

HOLOTYPE *Dolatocrinus peregrinus* Jell et al., 1988, pp.387-8, figs22a-d.

LOCALITY: UQL5277 Wando Vale topographic Sheet [570409] 51-56m above base of section 300m ESE of The Volcano, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (probably early Givetian).

REMARKS: This formation was formally named by Lang et al. (1989) as Papilio Mudstone.

F14866-F14867

PARATYPES *Dolatocrinus peregrinus* Jell et al., 1988, pp.387-8; F14866, fig.22e; F14867, figs 22f,g.

LOCALITY: UQL5320 Wando Vale topographic Sheet [563392] section on ridge 2.9km NE of Storm Dam, Wando Vale Station, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (late Eifelian- Givetian).

REMARKS: As for F14818.

F14872

PARATYPE *Dolatocrinus peregrinus* Jell et al., 1988, pp.387-8, fig.22h.

LOCALITY: UQL5321, Wando Vale [562390] creek section 3km NE of Storm Dam, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (late Eifelian- Givetian).

REMARKS: As for F14818.

Dysmorphoptiloides elongata Evans, 1956

F6493

Dysmorphoptiloides elongata Evans, 1956; Evans, 1971, p.146, fig.2.

LOCALITY: Mt Crosby, SEQ, Upper Bed, 910805-911805, Ipswich 1 mile military map.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic (Carnian).

Echinalosia ovalis (Maxwell, 1954)

F1205

Strophalosia gerardi King; Etheridge fil., 1892, p.260-2, pl. 40, fig.7.*Strophalosia gerardi* King; Prendergast, 1942, pp.45-47.*Echinalosia ovalis* (Maxwell, 1954); Waterhouse, 1980, pp.37-8.

LOCALITY: Banana Creek, CQ.

FORMATION: Flat Top Formation.

AGE: Permian.

Edmondia (?) *smithi* Etheridge fil., 1894

F1219

undescribed bivalve; Etheridge fil., 1892, pl. 39, fig.8.
SYNTYPE *Edmondia* (?) *smithi* Etheridge fil., 1894, pp.533-4.

LOCALITY: Rockhampton district, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection. The figure of F1219 is laterally reversed in Etheridge fil. (1892, pl.39, fig.8).

F2837 (Fig.2H)

SYNTYPE *Edmondia* (?) *smithi* Etheridge fil., 1894, pp.533-4, pl. 39, fig.6.

LOCALITY, FORMATION, AGE: As for F1219.

REMARKS: De Vis Collection.

Enoploclytia sp.

F1280

Callianassa (?) sp.; Etheridge fil., 1917, p.10, pl.2, fig. 4.*Enoploclytia* sp.; Woods, 1957, p.166.

LOCALITY: Walsh or Mitchell River (?), NQ.

FORMATION: Blackdown Fm.

AGE: Aptian, Lower Cretaceous.

Enoploclytia terraereginae Etheridge fil., 1914

F3234

Enoploclytia terrae-reginae Etheridge Jr.; Woods, 1957, pp.166-8, pl.4, figs 5,6, text fig.6.*Enoploclytia terrae-reginae* Etheridge, 1914; Hill *et al.*, 1968, pl.K11, fig.6.

LOCALITY: 'Currane', 10 miles N of Dartmouth, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

F3235

Enoploclytia terrae-reginae Etheridge Jr.; Woods, 1957, pp.166-8, pl.4, figs8,9.

LOCALITY, FORMATION, AGE: As for F3234.

F3236

Enoploclytia terrae-reginae Etheridge Jr.; Woods, 1957, pp.166-68, pl.4, fig.7.*Enoploclytia terrae-reginae* Etheridge, 1914; Hill *et al.*, 1968, pl.K11, fig.7.

LOCALITY, FORMATION, AGE: As for F3234.

Eoscartoides bryani Evans, 1956

F3693a/b

Eoscartoides bryani Evans, 1956; Evans, 1961, p.20, fig.4a.*Eoscartoides bryani* Evans; Hill *et al.*, 1965, pl.T14, fig.2.

LOCALITY: Mt Crosby Insect Beds, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

REMARKS: The counterpart of this specimen originally referred to as F3694 has been re-registered as F3693b.

F3695a/b

Eoscartoides bryani Evans, 1956; Evans, 1961, p.20, fig.4b.

LOCALITY, FORMATION, AGE: As for F3693.

REMARKS: The counterpart of this specimen originally referred to as F3696 has been re-registered as F3695b.

F3697a/b

Eoscartoides bryani Evans, 1956; Evans, 1961, p.20, fig.4c.

LOCALITY, FORMATION, AGE: As for F3693.

REMARKS: The counterpart of this specimen originally referred to as F3698 is re-registered as F3697b.

Euastacus ? sp.

F5740

Parastacid; Hill *et al.*, 1970, pl.Cz6, fig.4.*Euastacus* ? sp.; Sokol, 1987, pp.81-2, fig.1.

LOCALITY: Britains Quarry, Darra, SEQ.

FORMATION: Darra Fm.

AGE: Palaeocene.

Eucalyptocrinites rosaceus Goldfuss, 1831

F14533, F14541, F14544, F14546, F14548

Eucalyptocrinites rosaceus Goldfuss, 1831, in Jell *et al.*, 1988, pp.377-8; F14533, fig.15q; F14546, figs 15e- g; F14548, fig. 15m.

LOCALITY: QML512 Wellington topographic Sheet [799867] richly fossiliferous limestone (Unit 18 of Johnson, 1975) 870m NNW of Mountain View Homestead on Wellington Caves Rd, 9km SSW of Wellington, NSW.
FORMATION: Garra Fm.
AGE: Early Devonian, (Pragian, *sulcatus* biozone).

Euporismites balli Tillyard, 1916

F14376

Euporismites balli Tillyard; Lambkin, 1987, pp.295-300, fig.3.

LOCALITY: Clay Pit, New Chum (near Robert Street, Ebbw Vale), SEQ.
FORMATION: Redbank Plains Fm.
AGE: Paleocene or Eocene.

Euspira reflecta (Moore, 1870)

F1259

HOLOTYPE *Natica lineata* Etheridge 1872, p.342, pl.21, fig.1.

Natica variabilis Moore; Etheridge fil., 1892 pp.485-6, 573, pl.31, fig.2. [Refigured Etheridge's 1872 illustration].

Euspira reflecta (Moore), 1870; Day, 1967, pp.8-9.

LOCALITY: Maryborough, SEQ.
FORMATION: Maryborough Fm.
AGE: Lower Cretaceous, (Aptian).

Fissilunula clarkei (Moore, 1870)

F1250

HOLOTYPE *Cyprina expansa* Etheridge, 1872, p.338, pl.19, fig. 1.

Cyprina clarkei Moore; Etheridge fil., 1892, pp.474-5, 568-9.

Cyprina? (vel *Cytherea* ?) *clarkei*, Moore; in Etheridge fil., 1902b, pp.32-3.

Fissilunula clarkei (Moore) Etheridge fil., 1902a, pp.36-7.

Fissilunula clarkei (Moore) 1870; Day, 1967, pp.14-6.

Fissilunula clarkei (Moore, 1870); Fleming, 1970, pp.8-9.

LOCALITY: Maryborough, SEQ.
FORMATION: Maryborough Fm.
AGE: Lower Cretaceous, (Aptian).
REMARKS: Daintree Collection.

Galene hispinosa (Herbst, 1783)

F1185

Galene hispinosa Herbst; Etheridge fil. and McCulloch, 1916, pp.10-1, pl.3, figs3,4.

LOCALITY: New Channel, Mouth of Brisbane River, Moreton Bay, SEQ.

FORMATION: Unnamed estuarine deposit.

AGE: Pleistocene/Holocene.

REMARKS: See *Scylla serrata* (F1187).

F6558

Galene hispinosa (Herbst, 1783); Hill *et al.*, 1970, pl.C76, fig.8.

LOCALITY: ?Moreton Bay, SEQ.

FORMATION: Unnamed estuarine deposit.

AGE: Pleistocene/Holocene.

Gasterocomid indet.

F14840

Gasterocomid indet.; Jell *et al.*, 1988, p.391, figs27a-h.

LOCALITY: UQL3579, Burges topographic Sheet [687683] one of five localities collected from E to W along fence line 600m E of Martins Well windmill. Martins Well, 8km E of Pandanus Creek Homestead, 200km NW of Charters Towers, NQ.

FORMATION: Upper Martins Well Limestone Member Shield Ck Fm.

AGE: Early Devonian, (early Pragian).

REMARKS: F14840c is erroneously referred to as G14840c in Jell *et al.* (1988, p.396).

Gastropoda (not specified)

F17640-F17641

Gastropods: Wood, 1972, p.331.

LOCALITY: Maroochydore, cnr Kuran Rd and Broadwater St, 1.5-6.5m below surface, SEQ.

FORMATION: Estuarine deposits.

AGE: Holocene.

REMARKS: These gastropods included *Polinices conicus* (Lamarck, 1822) and *P. sordidus* Swainson, 1821.

Georgina andersonorum Wade, 1977a

F7159

HOLOTYPE *Georgina andersonorum* Wade, 1977a, pp.4, 8, pl.2, figs 1-4, text fig.5, fig.6d.

LOCALITY: Halfway Dam Area, Tobermorey Stn, 25°53'S, 137°50'E, NT.

FORMATION: Top of Coolibah Fm.

AGE: Lower Middle Ordovician.

F7160-7165, 7167-7174

PARATYPES *Georgina andersonorum* Wade, 1977a,

pp.4,8, text fig. 5; F7164, pl.2, figs 5,6; F7165, pl.1, figs 1-4.

LOCALITY, FORMATION, AGE: As for holotype.

F7166

PARATYPE *Georgina andersonorum* Wade, 1977a.

LOCALITY: Pulatera Hills, Glenormiston Stn, 22°57'S, 138°21'E, CWQ.

FORMATION, AGE: As for holotype.

REMARKS: Wade, 1977a (pl.1, figs 1-4) is referred to as F7135, the correct number is F7165.

Georgina beuteli Wade, 1977a

F7219

HOLOTYPE *Georgina beuteli* Wade, 1977a, pp.4,9-10, pl.5, fig. 6, text fig.6c.

LOCALITY: near Halfway Dam, Tobermorey Stn, 22°53'S, 137°50'E, NT.

FORMATION: Upper third of Coolibah Fm.

AGE: Lower Middle Ordovician.

F7220-7221

PARATYPES *Georgina beuteli*, Wade, 1977a, pp.4,9-10, F7220, pl. 5, fig.7.

LOCALITY, FORMATION, AGE: As for holotype.

Georgina dwyeri Wade, 1977a

F7206-7212

PARATYPES *Georgina dwyeri* Wade, 1977a, pp.4,10-11, F7206, pl. 6, fig.1.

LOCALITY: Base of Oodatra Point, Toko Range, Glenormiston, 22°53'S, 138°15'E, CWQ.

FORMATION: Lower Upper Nora Fm.

AGE: Upper Middle Ordovician.

REMARKS: Half of F7200 is missing.

Georgina linda Wade, 1977a

F7175, F7178-F7185

PARATYPES *Georgina linda* Wade, 1977a, p.10; F7178, pl.5 fig. 8; F7185, pl.5, fig.5.

LOCALITY: W side of small hill in Lower Nora Formation, 23°19'S, 138°06'E, CWQ.

FORMATION: Lower Nora Fm.

AGE: Middle Ordovician.

F7176

HOLOTYPE *Georgina linda* Wade, 1977a, p.10, pl.5, figs 1-3; text-fig.6g.

LOCALITY: 4.5 miles NW of 26 Bore, Glenormiston Stn, 22°47'S, 138°10'E, CWQ.

FORMATION: Lower Nora Fm.

AGE: Middle Ordovician.

F7177

PARATYPE *Georgina linda* Wade, 1977a, p.10, pl.5, fig.4.

LOCALITY, FORMATION, AGE: As for holotype.

F7186

PARATYPE *Georgina linda* Wade, 1977a, p.10.

LOCALITY: Nora Fm, Adjacent to road at western end of Toko Range 22°43'S, 137°43'E, NT.

FORMATION, AGE: As for holotype.

REMARKS: specimen missing.

Georgina taylori Wade, 1977a

F7148

HOLOTYPE *Georgina taylori* Wade, 1977a, pp.4,8-9, pl.3, figs 1-4, text-fig.6o.

LOCALITY: Near Halfway Dam, Tobermorey Stn, 22°53'S, 137°50'E, NT.

FORMATION: Coolibah Fm.

AGE: Lower Middle Ordovician.

F7090-F7152

PARATYPES *Georgina taylori* Wade 1977a, pp.4,8-9; F7091, pl.4, fig.5; F7101, pl.3, fig.5; F7106, pl.4, fig.6; F7111, pl.4, figs 1,2; F7121, pl.4, fig.3; F7130, pl.4, fig.4; F7134, pl. 2, fig.7; F7139, pl.3, fig.6; F7149, pl.4, fig.7.

LOCALITY, FORMATION, AGE: As for holotype.

F7153

PARATYPE *Georgina taylori*, Wade, 1977a, pp.4,8-9.

LOCALITY: Pulatera Hills, Glenormiston Stn, 22°57'S, 138°21'E, CWQ.

FORMATION, AGE: As for holotype.

F7154-F7155

PARATYPES *Georgina taylori* Wade, 1977a, pp.4,8-9.

LOCALITY: 3kms S of Eurithethera Soak and 4-8kms WSW of first gap in scarp. Toomba Range, CWQ.

FORMATION, AGE: As for holotype.

REMARKS: F7114, F7122, and F7132 and portions of F7096, F7117, F7130 and F7111 are missing. F7091 and F7135 were figured in Wade (1977b). F7096 and F7109 are part of the same individual, and referred to one number, F7096.

Glaucanome sp.

F1203

Glaucanome sp.; Etheridge fil., 1892, p.223, pl.44, fig.11.

LOCALITY: Rockhampton District, MEQ.
FORMATION: ?Malchi Fm.
AGE: Carboniferous.

Glyphea oculata Woods, 1957

F3233

HOLOTYPE *Glyphea oculata* Woods, 1957, pp.162-3, pl.4, fig.4, text figs4a,b.

LOCALITY: 'Currane', 10 miles N of Dartmouth, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

Goniastrea aspera Verrill, 1905

F12401

Goniastrea aspera; Pickett *et al.*, 1985, pp.103-14.

LOCALITY: S of Amity Point, N Stradbroke Island (Brisbane 1:100,000 Sheet, grid reference 441658).

FORMATION: Unnamed marine sediments.

AGE: Pleistocene.

REMARKS: See *Porites* sp.

Grammatodon (Indogrammatodon) robusta (Etheridge, 1872).

F1242

HOLOTYPE *Cucullaea robusta* Etheridge, 1872, p.340, pl.20, fig. 1.

Cucullaea robusta Etheridge; Etheridge fil., 1892, p.565.

Idonearca robusta Etheridge; Etheridge fil., 1902a, p.68.

Grammatodon (Indogrammatodon) robusta (Etheridge, 1872) Fleming 1966b, pp.13-6, pl.5, figs3a,b.

Grammatodon (Indogrammatodon) robusta (Etheridge Snr., 1872); Hill *et al.*, 1968, pl.K6, fig.12.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Daintree Collection.

F1243

HOLOTYPE *Cucullaea costata* Etheridge, 1872, p.340, pl.20, fig. 2.

Cucullaea robusta Etheridge; Etheridge fil., 1892, p.565.

Idonearca robusta Etheridge; Etheridge fil., 1902a, p.68.

Grammatodon (Indogrammatodon) robusta

(Etheridge, 1872) Fleming, 1966b, pp.13-6, pl.5, figs4a,b,c.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Daintree Collection

F5472

Grammatodon (Indogrammatodon) robusta (Etheridge, 1872) Fleming 1966b, pp.13-6, pl.6, figs3a,b,c,d,e,f.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

Gyaloceras smithi Whitehouse, 1927

F304

HOLOTYPE *Gyaloceras smithi* Whitehouse, 1927, pp.114-5, pl.17, fig.1, text fig.8.

Gyaloceras smithi Whitehouse, 1927; Arkell *et al.*, 1957, p.1286, fig.338-5.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

Gyroceras dubius Etheridge fil., 1892

F1231

HOLOTYPE *Gyroceras dubius* Etheridge fil., 1892, p.294, pl.41, fig.12.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous

Hamites aff. *H. maximus* J. Sowerby

F1601

Hamites aff. *maximus* J. Sowerby; Whitehouse, 1926, p.226, pl. 39, figs 2a,b.

LOCALITY: Ward River, head of Warrego River, SCQ.

FORMATION: ?

AGE: Lower Cretaceous.

REMARKS: McNamara (1980) considered that F1601 was not referable to *Hamites* based upon the presence of a trifid lateral lobe.

Hemiptera incertae sedis

F6540a/b

Hemiptera incertae sedis; Evans, 1971, p.149, fig.4d.

LOCALITY: Mount Crosby, SEQ, Upper Bed, 910805-911805, Ipswich 1 mile military map.

FORMATION: M1 Crosby Fm.

AGE: Early Late Triassic, (Carnian).

F6483a/b

Hemiptera *incertae sedis*; Evans, 1971, p.149, fig.4e.

LOCALITY, FORMATION, AGE: As for F6540.

Hercophyllum shearsbyi Süssmilch, 1914

F2479

Hercophyllum shearsbyi (Süssmilch) Jones, 1936, pp.53-5, pl.5, figs 1a-g.

Hercophyllum shearsbyi Süssmilch, 1914: Hill, 1981, p.F252, figs 160a-e.

LOCALITY: Hatton's Corner, Yass, NSW.

FORMATION: ?

AGE: Upper Silurian.

REMARKS: This species was introduced as *Cyathophyllum shearsbyi* by Etheridge (1904, p.288), mentioned by Harper (1909, pp.39-43) and figured by Süssmilch (1914, fig.143); but it was not fully described by Jones until 1936. F2479 consists of a small remaining fragment, and the thin sections, which are figs 1a-g in Jones (1936).

Heterochterus timmsii Evans, 1971

F6473

HOLOTYPE *Heterochterus timmsii* Evans, 1971, p.149-50, fig.5.

LOCALITY: Mt Crosby, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Heterojassus meubrauceus Evans, 1961

F3701

HOLOTYPE *Heterojassus membranaceus* Evans, 1961, p.23, fig.5b.

LOCALITY: Mt Crosby Insect Beds, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Heteronella marksei Evans, 1961

F3699a/b

HOLOTYPE *Heteronella marksei* Evans, 1961, p.22, fig.5a.

LOCALITY: Mt Crosby Insect Bed, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

REMARKS: The counterpart of this specimen originally referred to as F3700b has been re-registered as F3699b.

Hexacrinites interscapularis Phillips, 1841

F14580

Hexacrinites interscapularis Phillips, 1841; Jell *et al.*, 1988, pp.368-70, fig.11a.

LOCALITY: UQL5305 Wando Vale topographic sheet [569404] south-westerly oriented gully 400m south of the volcano (not older than *varcus* biozone) Wando Vale Stn, NQ.

FORMATION: Papilio Mudstone Fm.

AGE: Middle Devonian, (late Eifelian-Givetian).

REMARKS: The formation was formally named by Lang *et al.*, (1989) as Papilio Mudstone.

F14594, F14595

Hexacrinites interscapularis Phillips, 1841; Jell *et al.*, 1988, pp.368-70, F14594 figs 1e-h.

LOCALITY: UQL5252 Wando Vale topographic sheet [551366] south flank of low hill, 1km south of Storm Dam Creek. (?*varcus* biozone) Wando Vale Station, 150km NW of Charters Towers, NQ.

FORMATION, AGE, REMARKS: As for F14580.

F14597

Hexacrinites interscapularis Phillips, 1841; Jell *et al.*, 1988, pp.368-70.

LOCALITY: UQL5318, Wando Vale topographic Sheet [565395] 65-116m above base of formation in gully 2.2km NE of Storm Dam, Wando Vale Station, 150km NW of Charters Towers NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (Givetian).

REMARKS: As for F14580.

F14596, F14600, F14602

Hexacrinites interscapularis Phillips, 1841; in Jell *et al.*, 1988, pp.368-70.

LOCALITY: UQL5356, Wando Vale topographic Sheet (554367) east flank of Spongophyllum Hill, in head of eroding gully; (*varcus* biozone) Wando Vale Station, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (Givetian).

REMARKS: As for F14580.

F14604

Hexacrinites interscapularis Phillips, 1841; Jell *et al.*, 1988, pp.368-70.

LOCALITY: UQL5335, Wando Vale topographic Sheet [620418] along northern tributary of Lomandra Creek, (*ensensis* zone), Wando Vale Station, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (Givetian).

REMARKS: As for F14580. Locality information for this site was omitted by Jell *et al.* (1988).

F14743, F14745, F14834, F14871, F14874

Hexacrinites interscapularis Phillips, 1841; Jell *et al.*, 1988, pp.368-70.

LOCALITY: UQL5321, Wando Vale topographic Sheet [562390] creek section 3km NE of Storm Dam, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION, AGE, REMARKS: As for F14580.

F14755, F14756, F14763

Hexacrinites interscapularis Phillips, 1841; Jell *et al.*, 1988, pp.368-70.

LOCALITY: UQL5320 Wando Vale topographic Sheet [563392] section on ridge 2.9km NE of Storm Dam, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION, AGE, REMARKS: As for F14580.

F14843, F14845

Hexacrinites interscapularis Phillips, 1841; Jell *et al.*, 1988, pp.368-70.

LOCALITY: UQL5218, Wando Vale topographic Sheet [559389] c. 68m above base of formation in gully on east slope of Storm Hill, 1.2km N of Storm Dam, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (?late Eifelian).

REMARKS: As for F14580.

F14849

Hexacrinites interscapularis Phillips, 1841; Jell *et al.*, 1988, pp.368-70.

LOCALITY: UQL5267, Wando Vale topographic Sheet [543363] in gully, 1.5km SW of Storm Dam, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (Givetian).

REMARKS: As for F14580.

Hexacrinites spinosus Müller, 1856

F14746

Hexacrinites spinosus Müller 1856; Jell *et al.*, 1988, pp.370-2, figs 12d-f.

LOCALITY: UQL5277 Wando Vale topographic Sheet [570409] 51-56m above base of section

300m, ESE of The Volcano, Wando Vale Stn, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (probably early Givetian).

REMARKS: This formation was formally named by Lang *et al.* (1989) as Papilio Mudstone.

Homolopsis etheridgei (Woodward, 1892)

F2796

Homolopsis etheridgei (H. Woodward); Woods, 1953, pp.50-2, pl. 2, fig.2.

Homolopsis etheridgei (Woodward, 1892); Hill *et al.*, 1968, pl. K11, fig.8.

Homolopsis etheridgei (Woodward, 1892); Glaessner, 1980, pp. 173-4.

LOCALITY: 10 miles N of Dartmouth, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

F2843

Homolopsis etheridgei (H. Woodward); Woods, 1953, pp.50-2, fig.1a.

Homolopsis etheridgei (Woodward) 1892; Glaessner, 1980, pp. 173-4.

LOCALITY, FORMATION, AGE: As for F2796.

F2845

Homolopsis etheridgei (H. Woodward); Woods, 1953, pp.50-2.

Homolopsis etheridgei (Woodward, 1892); Glaessner, 1980, pp. 173-4.

LOCALITY, FORMATION, AGE: As for F2796.

F2846

Homolopsis etheridgei (H. Woodward); Woods, 1953, pp.50-2.

Homolopsis etheridgei (Woodward, 1892); Glaessner, 1980, pp. 173-4.

LOCALITY, FORMATION, AGE: As for F2796.

F2847

Homolopsis etheridgei (H. Woodward); Woods, 1953, pp.50-2, pl. 2, fig.3.

Homolopsis etheridgei (Woodward, 1892); Glaessner, 1980, pp. 173-4.

LOCALITY, FORMATION, AGE: As for F2796.

F2848

Homolopsis etheridgei (H. Woodward); Woods, 1953, pp.50-2.

Homolopsis etheridgei (Woodward, 1892); Glaessner, 1980, pp. 173-4.

LOCALITY, FORMATION, AGE: As for F2796.

F2875

HOLOTYPE *Prosopon etheridgei* Woodward, 1892, p.301, pl.4.

Prosopon etheridgei H. Woodward; Etheridge fil., 1917, pp.5-7, pl.1, figs 1-4.

Homolopsis etheridgei (H. Woodward); Woods, 1953, pp.50-2, pl.2, fig.1.

Homolopsis etheridgei (Woodward, 1892); Glaessner 1980, pp. 173-4, pl.1, fig.2.

LOCALITY: CQ.

FORMATION: Probably Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

Homoptera incertae sedis

F6491a/b

Homoptera incertae sedis; Evans, 1971, p.149, fig.4c.

LOCALITY: Mt Crosby, SEQ, Upper Bed, 910805- 911805, Ipswich 1 mile military map.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Hoploparia mesembria Etheridge fil., 1917

F2908

Hoploparia mesembria Etheridge Jr.; Woods, 1957, pp. 169-71, pl.6, fig.4.

LOCALITY: 'Currane', 10 miles N of Dartmouth, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

F3239

Hoploparia mesembria Etheridge Jr.; Woods, 1957, pp. 169-71.

LOCALITY, FORMATION, AGE: As for F2908.

F3240

Hoploparia mesembria Etheridge Jr., 1917, in Woods, 1957, pp. 169-71.

LOCALITY, FORMATION, AGE: As for F2908.

F3241

Hoploparia mesembria Etheridge Jr.; Woods, 1957, pp. 169-71.

LOCALITY, FORMATION, AGE: As for F2908.

F3243

Hoploparia mesembria Etheridge Jr.; Woods, 1957, pp. 169-71, pl.6, fig.2.

Hoploparia mesembria Etheridge, 1917; Hill *et al.*, 1968, pl. K11, fig.3.

LOCALITY, FORMATION, AGE: As for F2908.

F3244

Hoploparia mesembria Etheridge Jr.; Woods, 1957, pp. 169-71, pl.6, fig.3.

LOCALITY, FORMATION, AGE: As for F2908.

Hylicella colorata Evans, 1956

F3686

Hylicella colorata Evans, 1956; Evans, 1961, p.15, fig.1d.

LOCALITY: Mt Crosby Insect Beds, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Indeterminate heteropteron forewing

F3702

Heteropteron wing: Evans, 1961, p.23, fig.5c.

LOCALITY: Mt Crosby Insect Beds, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Ingelarella strzeleckii (de Koninck, 1877)

F946

Spirifer undifera var. *undulata* F. Röm.; Etheridge, 1872, p. 330, pl.16, fig.3.

Spirifer strzeleckii De Koninck; Etheridge fil., 1892, p.234, pl.10, fig.6.

Ambikella strzeleckii (de Koninck) 1876; Runnegar and Ferguson, 1969, p.251.

LECTOTYPE *Ingelarella strzeleckii* (de Koninck); McClung, 1978, p.43, pl.3, fig.25.

LOCALITY: Lady Mary Reef, Gympie, SEQ.

FORMATION: Rammutt Fm.

AGE: Permian.

REMARKS: Previously registered as F66 in Aplin's 1871 Fossil Register.

F3272

Spirifer undifera var. *undulata* F. Röm.; Etheridge, 1872, p. 331, pl.16, fig.4.

Spirifer strzeleckii De Koninck; Etheridge fil., 1892, p. 234.

Ambikella strzeleckii (de Koninck) 1876; Runnegar and Ferguson, 1969, p.251.

Ingelarella strzeleckii (de Koninck, 1877); McClung, 1978, p. 43.

LOCALITY: Gympie, SEQ.

FORMATION: Rammutt Fm.

AGE: Permian

F3304

Spirifera undifera var. *undulata* F. Röm.; Etheridge, 1872, p. 330-3, pl.16, fig.5.

Spirifera strzeleckii de Koninck; Etheridge fil., 1892, p.234.

Ambikella strzeleckii (de Koninck) 1876; Runnegar and Ferguson, 1969, p.251.

Ingelarella strzeleckii (de Koninck, 1877); McClung, 1978, p. 43.

LOCALITY: Lady Mary Reef, Gympie, SEQ.

FORMATION: Rammutt Fm.

AGE: Permian.

REMARKS: Old No. F13A Aplin's Register (1871).

F5774

Ingelarella strzeleckii (de Koninck); McClung, 1978, p.43, pl. 3, fig.23.

LOCALITY: Gympie, SEQ.

FORMATION: Rammutt Fm.

AGE: Permian.

REMARKS: Previously registered as F37 in Aplin's (1871) Register.

Inoceramus carsoni McCoy, 1865

F1238

HOLOTYPE *Inoceramus pernoides* Etheridge, 1872, pp.343-4, pl. 22, fig.3.

Inoceramus pernoides Etheridge; Etheridge fil., 1892, p.464, pl.25, fig.12.

Inoceramus etheridgei Etheridge fil., 1901, p.22-3.

Inoceramus carsoni McCoy, 1865, in Crame, 1985, pp.498-501.

LOCALITY: Marathon Stn, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

REMARKS: Daintree Collection.

F15642

Inoceramus sp. cf. *I. pernoides* Etheridge; Etheridge fil., 1892, p.464, pl.42, fig.7.

Inoceramus carsoni McCoy, 1865; Crame, 1985, pp.498-501.

LOCALITY: Bowen Downs, east of Muttaborra, CQ.

FORMATION: ?Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

REMARKS: Daintree Collection

Inoceramus elongatus Etheridge, 1872

F1240

Inoceramus multiplicatus Stol. var. *elongatus*, Etheridge, 1872, p.343, pl.22, fig.2

HOLOTYPE *Inoceramus elongatus* (Etheridge) Etheridge fil., 1892, p.464.

Inoceramus elongatus Etheridge; Etheridge fil., 1902a, p.70.

LOCALITY: Marathon Stn, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

REMARKS: The concentric ribs and elongate form of this shell suggest affinities with *I. carsoni* group (*sensu* Crame, 1985). Daintree Collection.

Inoceramus marathonsensis Etheridge, 1872

F1239

HOLOTYPE *Inoceramus marathonsensis* Etheridge, 1872, p.343, pl. 22, fig.1.

Inoceramus marathonsensis Etheridge; Etheridge fil., 1892, p. 464.

Inoceramus marathonsensis Etheridge; Etheridge fil., 1902a, p. 70.

LOCALITY: Marathon Stn, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

REMARKS: Daintree Collection.

Inoceramus sp. cf. *I. sutherlandi* McCoy, 1865

F1241

Inoceramus allied to *I. problematicus*, D'Orb.; Etheridge, 1872, p.344, pl.22, fig.4.

Inoceramus carsoni McCoy in Etheridge fil., 1892, p.463.

Inoceramus etheridgei Etheridge fil., 1901, p.22-3.

Inoceramus cf. *sutherlandi*, McCoy, 1865; Crame, 1985, pp.501- 2.

LOCALITY: Marathon Stn, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

REMARKS: Daintree Collection.

Labeceras (*Labeceras*) *compressum* Whitehouse, 1926

F1600

HOLOTYPE *Labeceras compressum* Whitehouse, 1926, p.228, pl.36, fig.5, pl.39, figs 5a,b.

Labeceras (*Labeceras*) *compressum* Whitehouse; Reymont, 1964, p. 24.

LOCALITY: Tower Hill, Muttaborra, CQ.

FORMATION: ?Mackunda Fm

AGE: Lower Cretaceous.

Labceras sp. cf. *L. compressum* Whitehouse, 1926

F6096

Labceras cf. *compressum* Whitehouse, 1926; Hill, et al., 1968, pl.K7, fig.5.

LOCALITY: Currane Station, 16km N of Dartmouth, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

Labceras (Labceras) laqueum (Etheridge fil., 1892)

F2148

Crioceras taylori, Eth. fil.; Etheridge fil., 1909, pp.162-3.

LOCALITY: ?Head of Walsh River, NQ.

FORMATION: ?Wallumbilla Fm.

AGE: Lower Cretaceous.

REMARKS: F2148 bears a label saying 'Head of the Walsh River', which suggests that it may be the Queensland Museum specimen referred to by Etheridge fil. (1909, p.162). However the lithology is not typical of the Walsh River material and this specimen bears donor number D222 which suggests a McKinlay's Range origin. See also *Beudanticeras sutherlandi* (F1273).

F17743

HOLOTYPE *Hamites? laqueus* Etheridge fil., 1892, pp.496-7, pl. 42, figs 14, 15.

Labceras laqueus (Etheridge fil.) Whitehouse, 1926, pp.227-8.

Labceras (Labceras) laqueum (Etheridge); Reymont, 1964, p. 22.

LOCALITY: Tower Hill, Landsborough Creek, a head tributary of the Thomson River, N of Muttaburra, CQ.

FORMATION: Mackunda Fm.

AGE: Lower Cretaceous.

REMARKS: The phragmocone and part of the living chamber of this specimen is missing but a plastroholotype (L598) is held in the Australian Museum (Fletcher, 1971). The figure in Etheridge fil. (1892, pl.42, fig.14) is laterally reversed. The other Queensland Museum specimen mentioned by Etheridge fil. (1892) has not been identified.

Lasiocladia? hindei Etheridge fil., 1892

F5706

HOLOTYPE *Lasiocladia? hindei* Etheridge fil., 1892, p.199, pl.41, figs 1,2.

Lasiocladia? hindei Eth. f.; Pickett, 1969, pp.9-10, pl.1, fig.3.

Lasiocladia? hindei in Pickett, 1983, p.112.

LOCALITY: Rockhampton, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection. Pickett (1969) discussed possible relationships of this sponge.

Leionucula quadrata (Etheridge, 1872)

F1244

SYNTYPE *Nucula gigantea* Etheridge, 1872, p.341, pl.20, fig. 4.

Nucula gigantea Etheridge; Etheridge fil., 1892, p.566.

Nucula gigantea Etheridge; Etheridge fil., 1902a, p.74.

Leionucula quadrata (Etheridge, 1872) Fleming 1966a, pp.5-8, pl. 2, figs1a,b.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Two specimens were illustrated by Etheridge (1872, pl.20, fig.4). Fleming (1966a) considered that the species description of *N. gigantea* would only fit the lower of the two specimens figured. He synonymised both specimens with *L. quadrata*. Daintree Collection.

F1245

SYNTYPE *Nucula quadrata* Etheridge, 1872, p.341, pl.20, fig.3.

Nucula quadrata Etheridge; Etheridge fil., 1892, pp.565-6.

Nucula quadrata Etheridge; Etheridge fil., 1902a, p.74.

Nucula quadrata Etheridge; Etheridge fil., 1902b, pp.23-4.

LECTOTYPE *Leionucula quadrata* (Etheridge, 1872) Fleming 1966a, pp.6-8, pl. 2, figs2a,b.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Daintree Collection.

F1246

SYNTYPE *Nucula quadrata* Etheridge 1872, p.341, pl.19, fig.5.

Nucula quadrata Etheridge, Etheridge fil., 1892, pp.565-6.

Nucula quadrata Etheridge, Etheridge fil., 1902a, p.74.

Nucula quadrata Etheridge, Etheridge fil., 1902b, pp.23-4.

PARALECTOTYPE *Leionucula quadrata* (Etheridge, 1872) Fleming 1966a, pp.6-8, pl. 2, fig.3.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Etheridge's (1872) figure of F1246 is slightly smaller than natural size. Daintree Collection.

Lepidoptera leaf mines

F15346

Lepidoptera leaf mines; Rozefelds, 1988, pp.77-81, fig.2.

LOCALITY: Clack Island, Princess Charlotte Bay, NQ.

FORMATION: Battle Camp Fm.

AGE: Upper Jurassic-Lower Cretaceous.

Leucosia pubescens Miers, 1877.

F2184

Leucosia pubescens Miers, 1877; Hill *et al.*, 1970, pl.Cz6, fig.6.

LOCALITY: Cleveland Bay, near Townsville, NQ.

FORMATION: Unnamed estuarine deposit.

AGE: Pleistocene/Holocene.

Lithosmylidia baronne Lambkin, 1988

F14358

HOLOTYPE *Lithosmylidia baronne* Lambkin, 1988, p.447, fig.3.

LOCALITY: road cutting on Baroone Rd, c. 3km ENE Gayndah, SEQ.

FORMATION: Gayndah Beds.

AGE: Middle Triassic.

Lithosmylidia parvula Riek, 1955

F14359

Lithosmylidia parvula Riek; Lambkin, 1988, pp.447-8, fig.4.

LOCALITY: Mount Crosby Insect locality B, Mt Crosby, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

REMARKS: Lambkin (1988, fig.4) incorrectly refers to this specimen as F1459.

Lopha marshii australiensis Skwarko, 1974

F5594

Lopha marshii (J. Sowerby, 1812) *australiensis* Skwarko, 1974, pp. 89-91, pl.30, fig.6.

LOCALITY: ?Newmarracarra Limestone, WA.

FORMATION: ?Newmarracarra Limestone.

AGE: Middle Jurassic, (Bajocian).

REMARKS: This specimen was erroneously recorded in Skwarko (1974, p.90) as part of the GSWA Collection.

Loxonema sp.

F1225 (Fig.2G)

Loxonema sp.; Etheridge fil., 1894, pp.536-7, pl.39, fig.7.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection. The specimen was poorly illustrated. It is refigured herein (Fig. 2D).

F1226

Loxonema sp.; Etheridge fil., 1894, pp.536-7, pl.40, fig.6.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

Luciella (?) *grayae* Etheridge fil., 1892

F1227 (Fig.2A)

HOLOTYPE *Luciella* (?) *grayae* Etheridge fil., 1892, pp.288-9, pl.41, fig.6.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection. Etheridge's figure of *L. grayae* bears little resemblance to the type specimen.

Maccoyella alata (Etheridge, 1872)

F1235

HOLOTYPE *Avicula alata* Etheridge, 1872, p.342, pl.20, fig.8.

Pseudavicula ? *alata* (Etheridge); Etheridge fil., 1892, p.563, pl.24, fig.14.

Maccoyella barklyi Moore; Etheridge fil., 1902a, pp.17-8.

Maccoyella barklyi Moore; Etheridge fil., 1902b, pp.11-2.

Maccoyella alata (Etheridge, 1872); Fleming, 1970, pp.4-5.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).
REMARKS: Daintree Collection.

Maccoyella barklyi (Moore, 1870)

F1236

HOLOTYPE *Streptorhynchus davidsoni* Etheridge, 1872, p.333, pl. 17, fig.1.

Maccoyella barklyi Moore; Etheridge fil., 1892, p.455.

Maccoyella barklyi (Moore), 1870; Day 1967, pp.21-2.

LOCALITY: ?Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Etheridge (1872) considered this Daintree specimen to be derived from the Carboniferous of the Peak Downs and Bowen River area. Etheridge fil., (1892) considered this locality was in error and he referred it to the Cretaceous species *Maccoyella reflecta* or *M. barklyi* from either the Walsh River, NQ, or Wallumbilla, SEQ. The lithology of the specimen is similar to other Walsh River material in the collection.

Maccoyella corbiensis (Moore, 1870)

F1237

HOLOTYPE *Crenaula*(?) *gibbosa* Etheridge, 1872, p.339, pl.19, fig.3.

Maccoyella corbiensis Moore; Etheridge fil., 1892, pp.563-4.

Maccoyella corbiensis Moore; Etheridge fil., 1902a, p.21.

Maccoyella corbiensis Moore; Etheridge fil., 1902b, p.13.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Daintree Collection.

Macrocallista (?) *plana* Moore, 1870

F3850

Myacites sp. Etheridge, 1872, p.348, pl.25, fig.7.

Macrocallista (?) *plana*, Moore; Etheridge fil., 1902a, pp.37-8.

LOCALITY: Gordon Downs at the head of Roper Creek, CO.

FORMATION: ?Blenheim Sub Group.

AGE: Permian

REMARKS: See *Collabrina cliftoni*. Daintree Collection. Collected by Rev. W.B. Clarke. As

this material is Permian in age, assignment to a Cretaceous species is almost certainly incorrect.

Macrophthalmus latreillei (Desmarest, 1822)

F6557

Macrophthalmus latreillei (Desmarest, 1822); Hill *et al.*, 1970, pl.Cz6, fig.7.

LOCALITY: Moffat Head, Caloundra, SEQ.

FORMATION: Unnamed estuarine deposit.

AGE: Pleistocene/Holocene.

Malchiblastus australis (Etheridge fil., 1892)

F1193

HOLOTYPE *Mesoblastus* ? *australis* Etheridge fil., 1892, pp.210-1, pl.44, fig.2.

Malchiblastus australis (Etheridge fil.) McKellar 1966, pp.191-8, pl.24, fig.4.

LOCALITY: Rockhampton District, MEQ.

FORMATION: Neerkol Fm.

AGE: Upper Carboniferous.

REMARKS: Specimen is missing.

F1195

HOLOTYPE *Tricoelocrinus* ? *carpenteri* Etheridge fil., 1892, pp. 212-3, pl.44, fig.3.

Malchiblastus australis (Etheridge fil.) McKellar, 1966, pp. 191-8, pl.24, figs 2-3,6.

LOCALITY: Rockhampton District, MEQ.

FORMATION: Neerkol Fm.

AGE: Upper Carboniferous.

Martinia (vel. *Martiniopsis*) *subradiata* (Sowerby, 1844)

F948

Martinia (vel *Martiniopsis*) *subradiata* G.B. Sby., sp.; Etheridge fil., 1892, pl.43, fig.1.

LOCALITY: Banana, CQ.

FORMATION: ?Flat Top Formation.

AGE: Permian.

Meleagrinnella sp.

F5782a,b

Meleagrinnella sp.; Hill *et al.*, 1968, pl.K6, figs17a,b.

Meleagrinnella sp.; Fleming 1970, pp.5-6, pl.1, figs9-10.

LOCALITY: Ridge in the Gundiah 1-mile sheet area, grid reference 675895. Bauple Mtns, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Neocomian).

F5783

Meleagrinnella sp.: Fleming, 1970, pp.5-6, pl.1, fig.11.
LOCALITY, FORMATION, AGE: As for F5782.

F5784

Meleagrinnella sp.: Fleming, 1970, pp.5-6, pl.1, fig.12.
LOCALITY, FORMATION, AGE: As for F5782.

F5785

Meleagrinnella sp.: Hill *et al.*, 1968, pl.K6, fig.16.
Meleagrinnella sp.: Fleming, 1970, pp.5-6, pl.1, fig.8.
LOCALITY, FORMATION, AGE: As for F5782.

Melocrinites tempestus Jell *et al.*, 1988.

F14884

HOLOTYPE *Melocrinites tempestus* Jell *et al.*, 1988,
pp.372-4, figs 13d-g.

LOCALITY: UQL5218 Wando Vale topographic
Sheet [559389] c. 68m above base of formation
in gully on E slope of Storm Hill, 1.2km north of
Storm Dam, Wando Vale Stn, 150km NW of
Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (?late Eifelian).

REMARKS: The formation was formally named
by Lang *et al.* (1989) as Papilio Mudstone.

F14853-F14854

PARATYPE *Melocrinites tempestus* Jell *et al.*, 1988,
pp.372-4; F14854, fig.13h.

LOCALITY: UQL5318/69 Wando Vale
topographic Sheet [565395] 65-116m above
base of formation in gully 2.2km NE of Storm
Dam, Wando Vale Stn, 150km NW of Charters
Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (Givetian).

REMARKS: As for F14580.

Mesactoceras arachne Wade, 1977a

F7187

HOLOTYPE *Mesactoceras arachne* Wade, 1977a,
pp.4, 11-14, pl.7, figs 1-3, text-fig.7g.

LOCALITY: 3km E of Halfway Dam, Tobermorey
Stn, 22°53'S, 137°50'E, NT.

FORMATION: Middle Nora Fm.

AGE: Middle Ordovician.

F7188, F7190-F7193

PARATYPES *Mesactoceras arachne* Wade, 1977a,
pp.4, 11-14; F7188, pl.7, fig.4; F7190, pl.7, fig.5.

LOCALITY, FORMATION, AGE: As for holotype.

F7189

PARATYPE *Mesactoceras arachne* Wade, 1977a, pp.4,
11-14, pl.7, fig.7.

LOCALITY: 1km E of Halfway Dam, Tobermorey
Stn, 22°53'S, 137°50'E, NT.

FORMATION, AGE: As for holotype.

F7194

PARATYPE *Mesactoceras arachne* Wade, 1977a, pp.4,
11-14.

LOCALITY: W side of small hill in Lower Nora
Fm, 23°19'S, 138°06'E, CWQ.

FORMATION, AGE: As for holotype.

F7195

PARATYPE *Mesactoceras arachne* Wade, 1977a, pp.4,
11-14.

LOCALITY: Valley between Toko Range scarp
and QML319, 23°19'S, 138°06'E, CWQ.

FORMATION, AGE: As for holotype.

REMARKS: F7193 and F7195 are missing.
Wade's (1977a) pl.7, fig.5 is referred to F7193,
the correct number is F7190. Wade (1977a, pl.7)
incorrectly records the locality for the holotype
and paratypes F7188, F7190-F7193 as 1km
rather than 3km E of Halfway Dam.

Mesocicadella punctata Evans, 1961

F3681a/b

HOLOTYPE *Mesocicadella punctata* Evans, 1961, p.14,
fig.1a.

LOCALITY: Mt Crosby Insect Beds, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Mesothymbris perkinsi Evans, 1956

F3682a/b

Mesothymbris perkinsi Evans, 1956; Evans, 1961,
p.15, fig.1c.

LOCALITY: Mt Crosby Insect Beds, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

REMARKS: The counterpart of this specimen
originally referred to as F3683 in Evans (1961)
has been re-registered as F3682b.

F3684a/b

Mesothymbris perkinsi Evans, 1956; Evans, 1961,
p.15, fig.1b.

LOCALITY, FORMATION, AGE: As for F3682a/b.

REMARKS: The counterpart of this specimen
originally referred to as F3685 in Evans (1961)
has been re-registered as F3684b.

Myloceras ammonoides (Etheridge fil., 1909)

F1388

HOLOTYPE *Myloceras davidi* Whitehouse, 1926, p.235, pl.37, figs 2a,b,c.*Myloceras davidi* Whitehouse; Reyment, 1964, p.30.*Myloceras ammonoides* (Etheridge, 1909); McNamara, 1978, pp.231-7.

LOCALITY: Bowen Downs, Thomson River, CQ.

FORMATION, AGE: Lower Cretaceous, (Albian).

F2230

Myloceras ammonoides (Etheridge, 1909); McNamara, 1978, pp. 231-7.

LOCALITY: Rodney Downs, Aramac, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

F9262

Myloceras ammonoides (Etheridge, 1909); McNamara, 1978, pp. 231-7, fig.4b.

LOCALITY: Currane Stn, 5km N of Dartmouth, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

F9352

Myloceras ammonoides (Etheridge, 1909); McNamara, 1978, pp. 231-7, fig.4a.

LOCALITY, FORMATION, AGE: As for F9262.

F9396

Myloceras ammonoides (Etheridge, 1909); McNamara, 1978, pp. 231-7, fig.2.

LOCALITY, FORMATION, AGE: As for F9262.

Myloceras auritulum McNamara, 1978

F9474

HOLOTYPE *Myloceras auritulum* McNamara, 1978, pp.231,234-5, 237-40, figs 4d,5a,7,9a.

LOCALITY: Isoroy Station, 15.5km SW of Tambo, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

F9475

PARATYPE *Myloceras auritulum* McNamara, 1978, pp.231,234-5, 237-40, figs. 6a,b,9b.

LOCALITY, FORMATION, AGE: As for F9474.

Myloceras baccatum (Whitehouse, 1926)

F1262

Crioceras flindersi McCoy, sp.; Etheridge fil., 1909, pp.153-7, pl.40, figs. 3,4.*Flindersites* aff. *baccatus* Whitehouse, 1926, p.237.

LOCALITY: Saltern Creek, 30km W of Barcalaine, CQ.

FORMATION, AGE: Lower Cretaceous.

REMARKS: Spath (1938) and Arkell *et al.* (1957) have referred *Flindersites* to *Myloceras*. This specimen was previously registered as D7710. See also F1268 (*Australiceras irregulare*).*Myloceras flindersi* (McCoy, 1867)

F1261

Crioceras flindersi McCoy, sp.; Etheridge fil., 1909, pp.153-7, pl.39, figs 2,3.*Flindersites* aff. *flindersi* (McCoy) Whitehouse, 1926, p.237.

LOCALITY: Flinders River, NQ.

FORMATION: ?Wallumbilla Fm.

AGE: Lower Cretaceous.

REMARKS: See F1262.

F1263

Crioceras flindersi McCoy, sp.; Etheridge fil., 1909, pp.153-7, pl.41, fig.2.

LOCALITY: Queensland.

FORMATION, AGE: Lower Cretaceous.

REMARKS: See F1262.

Myloceras intermedium Whitehouse, 1926

F1260

Crioceras flindersi McCoy, sp.; Etheridge fil., 1909, pp.153-7, pl.40, figs 1,2.HOLOTYPE *Flindersites intermedium* Whitehouse, 1926, p.237.*Myloceras intermedium* (Whitehouse, 1926); Hill *et al.*, 1968, pl.K8, fig.3.*Myloceras intermedium* (Whitehouse, 1926); McNamara, 1978, p. 236.

LOCALITY: Mt Cornish, Aramac (near Muttaborra), CQ.

FORMATION: ?Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

F1364

Flindersites intermedium Whitehouse, 1926, p.237.*Myloceras intermedium* (Whitehouse, 1926); McNamara, 1978, p. 236-7.

LOCALITY: Longreach, CQ.

FORMATION: ?

AGE: Lower Cretaceous.

Myloceras plectoides (Etheridge fil., 1909)

F1389

SYNTYPE *Crioceras plectoides* Etheridge fil., 1909, pp.152-3.

Aleteceras plectoides (Etheridge fil.) Whitehouse, 1926, p.232, pl.40, figs 2a,b,c.

Myloceras plectoides (Etheridge, 1909); Hill *et al.*, 1968, pl. K7, fig.6.

Myloceras plectoides (Etheridge, 1909); McNamara, 1978, p.240.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Albian).

Mytilops corrugata Etheridge fil., 1892

F1214

HOLOTYPE *Mytilops corrugata* Etheridge fil., 1892, p.272, pl. 40, fig.11.

LOCALITY: Rockhampton, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

Nereites berneyi de Vis, 1911

F16373a

HOLOTYPE *Nereites berneyi* de Vis, 1911, pp.12-4, pl.3, fig.2.

LOCALITY: Wyangaria Stn, near Hughenden, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

REMARKS: Holotype is the longer trail.

Nucula sp.

F1210

Nucula sp.; Etheridge fil., 1892, p.274, pl.40, fig.10.

LOCALITY: Rockhampton, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

Oblicarina carinata (Etheridge fil., 1892)

F1218

HOLOTYPE *Chaenomya? carinata* Etheridge fil., 1892, p.279, pl. 43, figs 5,6.

Vacunella curvata (Morris) 1845; Runnegar, 1967, pp.63-7.

Oblicarina carinata (Etheridge Jr.) Waterhouse, 1967, pp.53-7, pl.7, figs 2,3.

Vacunella curvata (Morris); Runnegar, 1969, p.287.

Oblicarina carinata (Etheridge, 1892); Waterhouse, 1969, p.40, pl.6, figs 4,7.

Oblicarina carinata (Etheridge Jnr. 1892); Waterhouse, 1987a, p.175.

LOCALITY: Banana Creek, CQ.

FORMATION: ?Flat Top Formation.

AGE: Permian.

REMARKS: Runnegar (1967, 1969) considered F1218 a crushed *Vacunella curvata* (Morris). De Vis Collection.

Octomeris crassa Withers, 1932

F2026c

HOLOTYPE *Octomeris crassa* Withers, 1932, pp.122-4, figs 1,2.

Octomeris crassa Withers, 1932; Hill *et al.*, 1970, pl.Cz6, fig.2.

LOCALITY: Magnetic Island, NQ.

FORMATION: Raised beach rock.

AGE: Pleistocene/Holocene?

REMARKS: Withers (1932) used F2026 for four different taxa. This specimen has been reregistered as F2026c.

Onestia etheridgei (Etheridge fil., 1892)

F1258

Genus?; Etheridge, 1872, pp.339-40, pl.19, fig.4.

HOLOTYPE *Unicardium? etheridgei* Etheridge fil., 1892, pp.569-70, pl.27, fig.1.

Onestia etheridgei (Etheridge, 1892) Hill *et al.*, 1968, pl.K6, figs 1a,b.

Onestia etheridgei (Eth. fil. 1892); Fleming, 1970, p.7, pl.2, figs 2, 3.

Onestia etheridgei (Etheridge Jnr.); Day, 1978, pp.37-44, pl. 2, figs 3, 4.

LOCALITY: Corporation Quarry (Baddow Quarry Area) Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Daintree Collection.

Oonoton woodsi Glaessner, 1980

F2876

HOLOTYPE *Oonoton woodsi* Glaessner, 1980, pp.171, 173-4, pl.1, fig.1, text figs 1a,b.

LOCALITY: Currane Station, 16kms N of Dartmouth, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

Opisthotrigonia nasuta (Etheridge, 1872)

F1248

SYNTYPE *Trigonia nasuta* Etheridge, 1872, p.339, pl.19, fig. 2a.

Trigonia nasuta Etheridge; Etheridge fil., 1892, p.567.

Trigonia nasuta Etheridge; Etheridge fil., 1902a, pp.25-7.

Opisthotrigonia nasuta (Etheridge Snr), 1872; Skwarko, 1963, pp.23-4.

LOCALITY: Maryborough SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Daintree Collection.

F1249

SYNTYPE *Trigonia nasuta* Etheridge, 1872, p.339, pl.19, fig.2.

Trigonia nasuta Etheridge; Etheridge fil., 1892, p.567.

Trigonia nasuta Etheridge; Etheridge fil., 1902a, pp.25-7.

Opisthotrigonia nasuta (Etheridge Snr), 1872; Skwarko, 1963, pp.23-4.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Daintree Collection.

Opsidiscus microspinus Jell, 1975a

F6770-F6772

PARATYPES *Opsidiscus microspinus* Jell, 1975a, pp.80-1; F6770, pl.26, fig.7; F6772, pl.24, fig.1.

LOCALITY: QML154, 150m NW of gate on 1st crest of Brumby Creek Rd, 19°33'S, 138°54'E, NWQ.

FORMATION: Currant Bush Limestone, *Euagnos-
tus opimus* Zone.

AGE: M. Cambrian.

Pagetia fluitata Jell, 1975a

F6811

HOLOTYPE *Pagetia fluitata* Jell, 1975a, pp.42-3, 93, pl.8, fig. 12.

LOCALITY: QML122, Limestone ridges, left bank of West Thornton River, S of junction of Brumby Creek, 13°32'S, 138°54'E, NWQ.

FORMATION: Currant Bush Limestone, *Euagnos-
tus opimus* Zone.

AGE: M. Cambrian.

F6809-10

PARATYPES *Pagetia fluitata* Jell, 1975a, pp.42-3; F6810, pl.8, fig.11.

LOCALITY, FORMATION, AGE: As for holotype.

Pagetia howardi Jell, 1975a

F6738-6758

PARATYPES *Pagetia howardi* Jell, 1975a, pp.43-5.

F6738, pl.4, fig.7; F6739, pl.4, fig.7; F6740, pl.4, fig.7; F6741, pl.4, fig.7; F6742, pl.4, fig.7; F6743, pl.4, fig.5; F6744, pl.4, fig.8; F6745, pl.4, fig.2; F6751, pl.4, fig.10.

LOCALITY: QML117, Low hill, 1.6km N of D Tree Bore, E of road 19°41'S, 138°54'E, NWQ.

FORMATION: Beetle Creek Fm, *Xystridura templetonensis* zone.

AGE: M. Cambrian.

Pagetia ocellata Jell, 1970

F6323

HOLOTYPE *Pagetia ocellata* Jell, 1970, pp.303-13, pl.24, fig. 22; Jell, 1975a, pp.50-1.

LOCALITY: QML113, 2.5 to 3km N of Mt Murray, 80km SW of Duchess, 21°50'S, 139°58'E, NWQ.

FORMATION: Beetle Creek Fm.

AGE: early M. Cambrian.

F6170-F6322, F6324-F6326

Pagetia ocellata Jell, 1970, pp.303-13; F6171, pl. 23, fig.31; F6175, pl.23, fig.30; F6186, pl.23, fig.29; F6187, pl.23, fig.28; F6191, pl.23, fig.27; F6192, pl.23, fig.6; F6193, text fig.3; F6194, pl.23, fig.8; F6195, pl.23, fig.7; F6197, text fig.3; F6200, pl.23, fig.10; F6201, pl.23, fig.9; F6207, pl.23, fig.15; F6215, text fig.3; F6216, pl.24, fig. 15; F6217, pl.24, fig.14; F6218, pl.23, fig.18; F6219, pl. 23, fig.17; F6220, pl.23, fig.16; F6221, pl.23, fig.23; F6224, pl.23, fig.25; F6227, text fig.3; F6229, pl.23, fig. 26; F6230, pl.23, fig.24; F6234, text fig.3; F6236-8, text fig.3; F6239, pl.23, fig.1, pl.24, fig.16; F6240, pl.23, fig.2, pl.24, fig.17; F6244, pl.23, fig.3, text fig.3; F6245, pl.23, fig.4; F6246, pl.23, fig.5; F6248, pl.23, fig. 11; F6253, text fig.3; F6255, pl.23, fig.12; F6264, pl.23, fig.13, text fig.3; F6266, pl.23, fig.19; F6268, pl.23, fig. 14; F6269, pl.23, fig.20; F6270, pl.23, fig.21, text fig.3; F6272, pl.23, fig.22, text fig.3; F6274, pl.24, fig.18, text fig.3; F6275, pl.24, fig.19, text fig.3; F6276, pl.24, figs. 6,7; F6278, pl.24, fig.1; F6283, pl.24, fig.4; F6285, pl.24, fig.2; F6289, pl.24, fig.3; F6293, pl.24, fig.5; F6299, pl. 24, fig.13; F6306, pl.24, fig.8; F6308, pl.24, fig.9; F6309, pl.24, fig.12; F6314, pl.24, fig.10; F6322, pl.24, fig.11; F6324, pl.24, fig.20; F6325, pl.24, fig.21; F6326, pl.24, fig.23.

LOCALITY, FORMATION, AGE: As for holotype.

REMARKS: Material consists of several hundred dissociated cephalata, thoracic segments, pygidia, hypostomata and free cheeks. Specimens F6223 and 6245 are missing. Some minor damage to a few of the specimens isolated from matrix -

especially F6186, 6270, 6275, 6289 - has occurred since description. The holotype and QMF6275 were pl.9 figs 2 and 3 respectively in Hill *et al.* (1971).

F6938-6945

Pagetia ocellata Jell, 1970; Jell, 1975a, pp.50-1; F6938, pl. 28, fig.1; F6939, pl.27, fig.7; F6940, pl.27, fig.8; F6941, pl.27, fig.10; F6942, pl.27, fig.9; F6943, pl.28, fig.2; F6944, pl.28, fig.3; F6945, p.50.

LOCALITY, FORMATION, AGE: As for holotype. REMARKS: F6938 was also listed erroneously as *P. prolata* in Jell (1975a, p.52). Jell (1975b), figured F6942 (p.35, fig.1a; p.39, fig.4c) and F6945 (p.39, fig.4d).

Pagetia pollostia Jell, 1975a

F6765

HOLOTYPE *Pagetia pollostia* Jell, 1975a, pp.53-4, pl.24, figs 7a,b.

LOCALITY: QML154, 150m NW of gate, 1st crest Brumby Creek Rd, 19°33'S, 138°54'E, NWQ.

FORMATION: Currant Bush Limestone, *Euagnostus opimus* Zone.

AGE: M. Cambrian.

F6759-F6764, F6766-F6769, F6773-F6781

PARATYPES *Pagetia pollostia* Jell, 1975a, pp.53-4; F6759, pl.24, fig.5; F6762, pl.24, fig.9; F6763, pl.24, fig. 13; F6766, pl.24, fig.12; F6768, pl.24, fig.11; F6769, pl. 24, fig.3; F6778, pl.24, fig.14; F6779, pl.24, fig.8; F6780, pl.24, fig.6; F6781, pl.24, fig.10.

LOCALITY, FORMATION, AGE: As for holotype. REMARKS: F6771 and F6772, which refer to *Opsidiscus microspinus*, were erroneously included here in Jell (1975a).

Pagetia prolata Jell, 1975a

F6872

HOLOTYPE *Pagetia prolata* Jell, 1975a, pp.39, 56-60, pl.11, fig.8.

LOCALITY: QML145, N bank of Playford River, 400m W of Barkley Stock Route to Brunette Downs, 19°4'S, 136°40'E, NWQ.

FORMATION: Burton Beds, *Xystridura templetonensis* Zone.

AGE: early M. Cambrian.

F6869-F6871, F6873-F6936

PARATYPES *Pagetia prolata* Jell, 1975a, pp.56-

60; F6869 pl.11, fig.3; F6870, pl.11, fig.4; F6871, pl.11, fig.7; F6873, pl. 12, fig.2; F6874, pl.12, fig.3; F6875, pl.12, fig.4; F6876, pl.12, fig.6; F6877, pl.12, fig.10; F6878, pl.12, fig.11; F6879, pl.12, fig.12; F6880, pl.12, fig.14; F6881, pl.12, fig.16; F6882, pl.12, fig.21; F6883, pl.12, fig.22.

LOCALITY, FORMATION, AGE: As for holotype. REMARKS: Jell (1975a) erroneously included F6937 and F6938 here. These numbers refer to *P. ocellata*. Jell (1975b) figured F6873 and F6874 (p.36, figs 2e-h). However, registration numbers are not cited for each figure.

Pagetia salebra Jell, 1975a

F6786

HOLOTYPE *Pagetia salebra* Jell, 1975a, pp.48,60-1; pl.13, fig. 9.

LOCALITY: QML146, .8km N of Burketown-Camooweal Road, 19°31'S, 138°52'E, NWQ.

FORMATION: Inca Creek Fm, *Euagnostus opimus* Zone.

AGE: M. Cambrian.

REMARKS: The holotype was erroneously numbered F6782 in the caption to pl.13, fig.9. (F6782 is an unpublished specimen referred to this species).

F6788-F6793, F6796-6798, F6800-6803

PARATYPES *Pagetia salebra* Jell, 1975a, pp.60-1; F6788, pl.13, fig.5; F6789, pl.13, fig.1; F6791, pl.13, fig.7; F6792, pl. 13, fig.3; F6793, pl.13, fig.4.

LOCALITY: QML136, Thornton-Burketown Road at Chummy Bore, 19°31'S, 138°52'E, NWQ.

FORMATION, AGE: As for holotype.

F6783-F6785, F6787, F6799, F6804

PARATYPES *Pagetia salebra* Jell, 1975a, pp.60-1; F6783, pl.13, figs 2a,b; F6784, pl.13, figs 2a,c; F6787, pl.13, fig.6.

LOCALITY, FORMATION, AGE: As for holotype.

Pagetia thorntonensis Jell, 1975a

F6822

HOLOTYPE *Pagetia thorntonensis* Jell, 1975a, pp.65-7, pl.22, fig.2.

LOCALITY: QML128, 1.6km W of road at gate N of Gum Lagoon Bore, W bank of W Thornton Creek, 15m from base of cliff, 19°34'S, 138°55'E, NWQ.

FORMATION: Currant Bush Limestone (Bottom 20m - *Ptychagnostus atavus* zone).

AGE: M. Cambrian.

F6812, F6813, F6815-F6824, F6841, F6843
Pagetia thorntonensis Jell, 1975a, pp.65-7; F6812,
 pl.22, fig. 9; F6813, pl.22, fig.1; F6815, pl.22, fig.3;
 F6818, pl.22, fig.5; F6823, pl.22, fig.10; F6824,
 pl.22, fig.6; F6841, pl. 22, fig.7; F6843, pl.22, fig.4
 LOCALITY, FORMATION, AGE: As for holotype.

F6814, F6825-F6840, F6842, F6844, F6845-
 F6866

PARATYPES *Pagetia thorntonensis* Jell, 1975a, pp.65-
 7, F6814, pl.22, fig.8; F6846, pl.27, fig.2; F6847,
 pl.27, fig.1; F6848, pl.27, fig.3; F6849, pl.27, fig.4;
 F6850, pl.27, fig. 5; F6851, pl.27, fig.6.

LOCALITY: QML132, hill south of QML128
 19°34'S, 138°55'E, NWQ.

FORMATION, AGE: As for holotype.

REMARKS: F6860-F6866 are missing from col-
 lection. Jell (1975b), figured F6846 (p.37, figs
 3a,b) and F6853 and F6852 (p.37, figs. 3c-3f.
 However, registration numbers are not cited for
 each figure.

Pandanocrinus wellingtonensis Jell *et al.*, 1988

F14532, F14537-F14539, F14542

PARATYPES *Pandanocrinus wellingtonensis* Jell *et al.*,
 1988, pp. 385-6.

LOCALITY: QML512, Wellington topographic
 Sheet [799867] richly fossiliferous limestone
 (Unit 18 of Johnson, 1975) 870m NNW of
 Mountain View Homestead, Wellington Caves
 Rd, 9km SSW of Wellington, NSW.

FORMATION: Garra Fm.

AGE: Early Devonian, (Pragian, *sulcatus*
 biozone).

Panopea acuta (Etheridge, 1872)

F1251

SYNTYPE *Panopaea (Mya) plicata*, Sow. var. *acuta*
 Etheridge, 1872, pp.342-3, pl.21, fig. 3a.

LECTOTYPE *Panopea acuta* Etheridge, 1872; Water-
 house, 1965, pp. 851-2.

Panopea plicata acuta Etheridge; Waterhouse, 1969,
 p.72, pl. 6, figs 1,3.

LOCALITY: Maryborough, SEQ (see remarks).

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: In an early label and in Etheridge
 (1872) the locality for this Daintree specimen is
 given as Pelican Creek, Mitchell District. How-
 ever the specimen's lithology is consistent with
 that of the Maryborough Fm and it also bears the

number 627 which is only on the Maryborough
 specimens and includes material studied by
 Etheridge (1872). The other specimen figured by
 Etheridge (1872, pl.21, fig.3) was referred to the
 Permian genus *Vacunella* by Waterhouse
 (1965).

Panopea maccoyi (Moore, 1870)

F1253

HOLOTYPE *Panopaea sulcata* Etheridge, 1872, p.342,
 pl.21, figs 2, 2a.

Glycimeris sulcata Etheridge, Etheridge fil., 1892,
 p.571.

Glycimeris maccoyi Moore; Etheridge fil., 1901, p.30.

Panopea maccoyi (Moore, 1870) Fleming, 1970, pp.9-
 10, pl.3, figs 3.4.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Daintree Collection.

Parallelodon costellata McCoy, 1844

F1211

Parallelodon costellata McCoy; Etheridge fil., 1892,
 p.274, pl.40, fig.12.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

F1212

Parallelodon costellata McCoy; Etheridge fil., 1892,
 p.274, pl.40, fig.13.

LOCALITY: Rockhampton district, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

Parapisocrinus sp.

F14842

Parapisocrinus sp.; Jell *et al.*, 1988, p.391, figs27k-m.

LOCALITY: UQL3579. Burges topographic Sheet
 [687683] one of five localities collected E to W
 along fence line 600m E of Martins Well
 windmill: all from upper part of limestone (lime-
 stone slightly folded), Martins Well, 8km E of
 Pandanus Creek Homestead, 200km NW of
 Charters Towers, NQ.

FORMATION: Upper Martins Well Limestone
 Member, Shield Ck Fm.

AGE: Early Devonian, (early Pragian, *sulcatus*
 biozone).

Parastacid gastrolith

F7829

Crustacean gastrolith; Archer and Wade 1976, pp.383-4, pl.54, fig.f.

LOCALITY: Terrigenous sediments underlying 'Allensleigh flow' of the Nulla Basalt, overlying laterite and outcropping on Bluff Downs Station, along banks of Allingham Creek, 19°43'S, 145°36'E, NQ.

FORMATION: Allingham Fm.

AGE: Pliocene.

***Pedinogyra* sp.**

F1358

Pedinogyra sp.; Hill *et al.*, 1970, pl.Cz4, figs6a,b.

LOCALITY: Limestone Quarry, Marmor, MEQ.

FORMATION: Unnamed cave deposits.

AGE: Pleistocene.

***Penarosa netenta* Jell, 1977**

F7059

HOLOTYPE *Penarosa netenta* Jell, 1977, pp.119-23, pl.21, figs 1a,b.

LOCALITY: QML152, 1.7km S of Chummy Bore, which is 6km W of Thornton's Homestead (19°31.5'S, 138°52'E) and at Chummy Bore, NWQ.

FORMATION: Chummy Bore Fm, probably *Euag-nostus opimus* Zone.

AGE: M. Cambrian.

F7060-F7064

Penarosa netenta Jell, 1977, p.119-23; F7060, pl.21, fig.5; F7061, pl.21, fig.8; F7062, pl.21, fig.6; F7064, pl.21, fig.4.

LOCALITY, FORMATION, AGE: As for holotype.

F7065-7070

PARATYPES *Penarosa netenta* Jell, 1977, pp.119-23; F7065, pl. 21, fig.3; F7068, pl.21, fig.2; F7069, pl.21, fig.7.

LOCALITY: QML136, Chummy Bore on Thornton's-Camoowal Rd, 19°31'S, 138°52'E, NWQ.

FORMATION, AGE: As for holotype.

***Permasyrinx acuta* (Etheridge, 1872)**

F5639

Spirifer bisulcata Sow., var. *acuta* in Etheridge, 1872, p.329, pl.16, fig.1.*Spirifer trigonalis* Martin var. *acuta* Etheridge; Etheridge fil., 1892, p.230, pl.10, fig.12.*Permasyrinx acuta* (Etheridge snr) Waterhouse and Balfe, 1987, pp.24, 30, pl. 1, fig.3.

LOCALITY: Gympie, SEQ.

FORMATION: Rammult Fm.

AGE: Permian.

***Phaenodesmia elongata* (Etheridge, 1872)**

F1247

HOLOTYPE *Leda elongata* Etheridge, 1872, p.341, pl.20, fig.5.*Adrana elongata* (Etheridge) Etheridge fil., 1892, pp.566-7, pl. 33, fig.8.*Malletia elongata* (Etheridge) Etheridge fil., 1902a, p.25.*Malletia elongata* (Etheridge); Etheridge fil., 1902b, p.26.*Phaenodesmia elongata* (Etheridge, 1872) Fleming 1966a, pp.8-9, pl.4, fig.1.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Daintree Collection.

***'Planorbis'* sp.**

F2819

'Planorbis' sp.; Hill *et al.*, 1970, pl.Cz4, fig.13.

LOCALITY: Limestone Hill, Ipswich, SEQ.

FORMATION: Silkstone Fm.

AGE: Oligocene.

***Platyteichum conforme* (Etheridge fil., 1892)**

F1220

HOLOTYPE *Mourlonia* (?) *conformis* Etheridge fil., 1892, pp.287-8, pl.41, fig.5.*Platyteichum conforme* (Etheridge jun.) Dickins, 1961, pp.131-4, pl.17, figs 13-14.*Platyteichum conforme* (Etheridge Jn. 1892); Waterhouse, 1987a, pp.179-80.*Platyteichum conforme* (Etheridge Jr. 1892); Parfrey, 1988, pp.20-1.

LOCALITY: Banana Ck, near Banana, CQ.

FORMATION: Flat Top Fm.

AGE: Middle Permian.

REMARKS: De Vis Collection.

***Plotiopsis balonnensis* (Conrad, 1850)**

F6550

Plotiopsis balonnensis (Conrad, 1850); Hill *et al.*, 1970, pl. Cz5, fig.10.

LOCALITY: Darling Downs, SEQ.
FORMATION: Unnamed fluvial deposits.
AGE: Pleistocene.

***Podophthalmus vigil* Fabricius, 1798**

F1184

Podophthalmus vigil Fabricius; Etheridge fil. and McCulloch, 1916, p.9, pl.4, fig.3, pl.5, fig.3.

Podophthalmus vigil Fabricius, 1798; Hill *et al.*, 1970, pl. Cz6, fig.9.

LOCALITY: New Channel, mouth of Brisbane River, Moreton Bay, SEQ.

FORMATION: Unnamed estuarine deposit.

AGE: Pleistocene/Holocene.

***Polinices sordidus* (Swainson, 1821)**

F17639

Polinices sordidus (Swainson, 1821); Hill *et al.*, 1970, pl. Cz4, fig.14.

LOCALITY: Bullock Pt, Wide Bay, SEQ.

FORMATION: Unnamed marine deposit.

AGE: Pleistocene.

Previously registered as Mo2930 in the Queensland Museum Mollusca register.

Polychaete trail

F16373b

Annelid trail; de Vis, 1911, pp.12-4, pl.3, fig.2.

LOCALITY: Wyangarra Stn, near Hughenden, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous.

***Porites* sp.**

F12385

Porites sp.; Pickett *et al.*, 1985, pp.103-14.

LOCALITY: S of Amity Point, N Stradbroke Island (Brisbane 1:100,000 Sheet, grid reference 441658).

FORMATION: Unnamed marine deposits.

AGE: Pleistocene.

REMARKS: Pickett *et al.*, (1989) redated this specimen, *Goniastrea aspera* (F12401) and *Symphyllia* sp. cf. *S. recta* (F12400). They referred these corals to isotope substage 5c, not 5e as previously cited (Pickett *et al.*, 1985).

***Productus* sp. indet.**

F1204

Productus sp. ind.; Etheridge fil., 1892, p.256, pl.40, fig. 4.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Carboniferous.

***Prohysterocheras richardsi* Whitehouse, 1926**

F1783

Prohysterocheras richardsi Whitehouse, 1926, pp.222-3.

LOCALITY: Toliness Station, near Augathella, CQ.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

F1784

HOLOTYPE *Prohysterocheras richardsi* Whitehouse, 1926, pp.222-3, pl.38, figs 1a,b.

Prohysterocheras richardsi Whitehouse, 1926; Hill *et al.*, 1968, pl.K9, fig.3.

LOCALITY, FORMATION, AGE: As for F1783.

***Promytilus mytiliformis* (Etheridge fil., 1892)**

F1217

SYNTYPE. *Modiomorpha mytiliformis* Etheridge fil., 1892, p.273, pl.41, fig.4.

Promytilus mytiliformis (Etheridge, 1892); Waterhouse, 1980, pp.106-7.

LOCALITY: Banana Creek, CQ.

FORMATION: ?Flat Top Fm or Barfield Fm.

AGE: Permian

REMARKS: Etheridge fil. (1892) referred three specimens to this taxon pl.14, fig.5, pl.38, figs 12, 13 and pl.41, fig.4 (which is laterally reversed), not pl.40, fig.4 as cited in Etheridge fil. Waterhouse (1980, p.106) cited the specimen figured by Etheridge fil. (pl.41, fig.4) as the lectotype erroneously referring this Queensland Museum specimen (F1217) to the Geological Survey Collection. Waterhouse (figs 2; 6, 8) illustrated two specimens one of which (fig.2; 8) is a latex cast from an external mould, captioned 'lectotype.' Neither figure corresponds with Etheridge fil. (pl.41, fig.4), i.e., F1217. The number (Waterhouse, 1980) associated with the lectotype caption is F2188 which does not correspond with a Queensland Museum number. The specimen is apparently of Etheridge fil. (pl.14, fig.5) (GSQ F1488), (Susan Parfrey, pers. comm., 1988). The other specimen of *P. mytiliformis* figured by Etheridge fil. (pl. 38, figs.12, 13 (GSQ F1505)) is also in the Geological Survey Collections. Information for

Waterhouse's fig. 2; 6 is lacking and no matching specimen can be located in the Queensland Museum Collections. Waterhouse (fig. 3; 1) also figured a latex cast of the anterior hinge of the 'lectotype' but this specimen is not F1217 and is not a museum specimen.

Protocanites planorbiformis (Etheridge fil., 1892)

F1230

HOLOTYPE *Goniaticites planorbiformis* Etheridge fil., 1892, p. 295, pl. 41, fig. 9.

Protocanites planorbiformis (Etheridge); Hill and Woods, 1964, pl. C14, fig. 6.

Eocanites planorbiformis (Etheridge); Weyer, 1972, p. 322.

Protocanites planorbiformis (Etheridge); Campbell et al., 1983, p. 111-2, fig. 36.

LOCALITY: Stanwell area, MEQ.

FORMATION: Malchi Fm.

AGE: Upper Carboniferous.

REMARKS: As Campbell et al., (1983) pointed out, the type locality (Lakes Creek) as given in Etheridge (1892) is Permian in age. De Vis collections from the Stanwell Area in the Museum had been included amongst material from the Lakes Creek locality in the past. It is likely that the *G. planorbiformis* and the other ammonoids Etheridge described were collected from the Stanwell area. The lithology of topotypes of '*Pseudarietites ammonitiformis*' is consistent with the Malchi Formation. The holotype of *P. planorbiformis* and the other Carboniferous ammonoids (F1228 and F1209) were loaned overseas, but have been lost.

'*Pseudarietites*' *ammonitiformis* (Etheridge fil., 1892)

F1228

SYNTYPE *Nautilus ? ammonitiformis* Etheridge fil., 1892 pp. 292-3, pl. 39, fig. 9.

Pseudarietites sp.; Bryan, 1929, p. 76.

'*Pseudarietites*' *ammonitiformis* (Etheridge); Hill and Woods, 1964, pl. C14, fig. 8.

'*Pseudarietites*' *ammonitiformis* (Etheridge); Campbell et al., 1983, pp. 120-1, fig. 49b.

LOCALITY: Stanwell area, MEQ.

FORMATION: Malchi Fm.

AGE: Upper Carboniferous.

REMARKS: See *Protocanites planorbiformis*. This specimen is lost, although topotypes exist.

F1229

SYNTYPE *Nautilus ? ammonitiformis* Etheridge, 1892, pp. 292-3, pl. 41, fig. 9.

Pseudarietites sp.; Bryan, 1929, p. 76.

'*Pseudarietites*' *ammonitiformis* (Etheridge); Campbell et al., 1983, pp. 120-1, fig. 49a.

LOCALITY: Stanwell Area, MEQ.

FORMATION: Malchi Fm.

AGE: Upper Carboniferous.

REMARKS: See *Protocanites planorbiformis*. This specimen is lost.

Pterinopecten devisii Etheridge fil., 1892

F1213a,b

HOLOTYPE *Pterinopecten devisii* Etheridge, 1892, pp. 270-1, pl. 40, fig. 9.

Pterinopecten devisii Etheridge, 1892b; Waterhouse, 1982, p. 8.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?Malchi Fm.

AGE: Lower Carboniferous.

REMARKS: De Vis Collection.

Pustulospiriferina etheridgei (Armstrong, 1970)

F6329

PARATYPE *Punctospirifer etheridgei* Armstrong, 1970, pp. 317-9.

Pustulospiriferina etheridgei (sic) Armstrong; Waterhouse, 1987b, p. 45.

LOCALITY: UQL3127, Series of E-W Ridges, 0.5 miles E of 'Homevale' Homestead, CQ.

FORMATION: Tiverton Fm.

AGE: Permian.

F6330

PARATYPE *Punctospirifer etheridgei* Armstrong, 1970, pp. 317-9.

Pustulospiriferina etheridgei (sic) Armstrong; Waterhouse, 1987b, p. 45.

LOCALITY, FORMATION, AGE: As for F6329

F6331

PARATYPE *Punctospirifer etheridgei* Armstrong, 1970, pp. 317-9, pl. 25, fig. 9.

Pustulospiriferina etheridgei (sic) Armstrong; Waterhouse, 1987b, p. 45.

LOCALITY, FORMATION, AGE: As for F6329

F6332

PARATYPE *Punctospirifer etheridgei* Armstrong, 1970, p. 317-9, pl. 25, fig. 17.

Pustulospiriferina etheridgei (sic) Armstrong; Waterhouse, 1987b, p. 45.

LOCALITY, FORMATION, AGE: As for F6329

Puzosia longmani Whitehouse, 1926

F1595

HOLOTYPE *Puzosia longmani* Whitehouse, 1926, pp.218-9, pl.37, fig.5, pl.39, figs 1a,b.

LOCALITY: Barcoo River, CO.

FORMATION: ?

AGE: Lower Cretaceous.

Pyramus concentrica (Etheridge, 1872)

F14398

Pyramus concentrica (Etheridge) Waterhouse and Balfe, 1987, pp.24, 30, pl.1, fig.9.

LOCALITY: Gympie, SEQ.

FORMATION: Rammatt Fm.

AGE: Permian.

Rhipidocrinus crenatus (Goldfuss, 1831)

F14771

Rhipidocrinus crenatus (Goldfuss, 1831); Jell *et al.*, 1988, pp.360, 362-3, fig.4k.

LOCALITY: UQL5320 Wando Vale [563392] section on ridge 2.9km NE of Storm Dam, Broken River Wando Vale Station, 150km NW of Charters Towers, NQ.

FORMATION: Papilio Mudstone.

AGE: Middle Devonian, (late Eifelian-Givetian).

REMARKS: The formation was formally named by Lang *et al.* (1989) as Papilio Mudstone.

F14869

Rhipidocrinus crenatus (Goldfuss, 1831) in Jell *et al.*, 1988, pp.360, 362-3, fig.4l.

LOCALITY: UQL5321 Wando Vale [562390] creek section 3km NE of Storm Dam, Broken River Wando Vale Station, 150km NW of Charters Towers, NQ.

FORMATION:

AGE, REMARKS: As for F14771.

Samarura sp.

F12996a/b

Samarura sp.; Rozefelds, 1985b, pp.25-32, figs2a,b.

LOCALITY: Brassall Quarry, near Ipswich, SEQ.

FORMATION: Aberdare Conglomerate.

AGE: Late Triassic.

Sanmartinoceras fontinale Hudleston, 1890

F1722

Sanmartinoceras olene (Tenison-Woods); Whitehouse, 1926, p. 205, pl.41, figs3a,b.

Sanmartinoceras fontinale (Hudleston); Whitehouse, 1927, pp. 116-7, text fig.4.

LOCALITY: ?Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Whitehouse (1926) records the locality for this specimen as Walsh River. The Queensland Museum Palaeontology register gives no locality.

F1869

Sanmartinoceras olene (Tenison-Woods); Whitehouse, 1926, p. 205.

Sanmartinoceras fontinale (Hudleston); Whitehouse, 1927, pp. 116-7, pl.17, fig.4.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Collected Hann's Expedition, 1872.

F1870

Sanmartinoceras olene (Tenison-Woods); Whitehouse, 1926, p. 205.

Sanmartinoceras fontinale (Hudleston); Whitehouse, 1927, pp. 116-7, pl.17, fig.5, text fig.9.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Collected Hann's Expedition, 1872.

Scylla serrata (Forskål, 1755)

F1187

Scylla serrata Forskål; Etheridge fil. and McCulloch, 1916, pp. 9-10, pl.2, fig.1.

LOCALITY: New Channel, mouth of Brisbane River, Moreton Bay, SEQ.

FORMATION: Unnamed estuarine deposit.

AGE: Pleistocene/Holocene.

REMARKS: Originally registered as F474, a collection of fossil crabs from Moreton Bay.

F3237

Scylla serrata (Forskål, 1755); Hill *et al.*, 1970, pl.C26, fig.11.

LOCALITY: Lime Pocket, near Donnybrook, Bribie Passage, SEQ.

FORMATION: Unnamed estuarine deposit.

AGE: Pleistocene/Holocene.

Serpula sp.

F2026c

Serpula sp.; Withers, 1932, p.122.

LOCALITY: Raised beach rock, Magnetic Island, NQ.

FORMATION: Unnamed deposit.

AGE: Pleistocene/Holocene?

REMARKS: Withers used F2026 for 4 different taxa on the same block. This specimen has been re-registered as F2026c.

Shimantocrinus distinctodorsus Jell et al., 1988

F14536, F14540

PARATYPE *Shimantocrinus distinctodorsus* Jell et al., 1988, pp.390-1; F14536, figs24m,n.

LOCALITY: QM1.512, Wellington topographic Sheet [799867] richly fossiliferous limestone (Unit 18 of Johnson, 1975) 870m NNW of Mountain View Homestead on Wellington Caves Road, 9km SSW of Wellington, NSW.

FORMATION: Garra Fm.

AGE: Early Devonian, (late Lochkovian-Pragian).

Simbirskites morvenae Whitehouse, 1927

F1270

Perisphinctes kayseri Neumahr and Uhlig, 1881; Etheridge fil., 1909, pp.238-9, pl.68.*Simbirskites* spp. nov. Whitehouse, 1926, pp.200-1.*Simbirskites morvenae* Whitehouse, 1927, p.111.

LOCALITY, FORMATION, AGE: Uncertain, probably North Germany.

REMARKS: This is the larger of the two ammonites figured by Etheridge fil. (1909, pl.68). See F16438.

F16438

Perisphinctes kayseri Neumahr and Uhlig, 1881; Etheridge fil., 1909, pp.238-9, pl.68 (doubtfully assigned specimen).*Simbirskites* spp. nov. Whitehouse, 1926, pp.200-1.HOLOTYPE *Simbirskites morvenae* Whitehouse, 1927, p.111, pl.16, fig.1, text fig.5.

LOCALITY, FORMATION, AGE: Uncertain, probably N Germany.

REMARKS: This is the smaller of the two ammonites figured by Etheridge fil. (1909, pl.68). There are considerable doubts about the provenance of these specimens. Whitehouse (1927) records their locality as Victoria Downs, Morven. The specimens were originally registered in 1893 as D7710.12 and described in

the donor register as a 'miscellaneous collection of fossils'. This number also applies to material from elsewhere in Queensland, including the Walsh River. Doubts about a Queensland provenance for the specimens were evident in Whitehouse (1927) and were firmer in later papers (1946, 1955). It now seems likely that they were not found in Queensland, but came instead from North Germany (Day, 1967). Whitehouse (1927) also says that a Mr Hurst was the donor. A manuscript note in a bound copy of the Etheridge fil. (1909) paper, originally belonging to R. Hamlyn-Harris, Director, Queensland Museum (1910-1917), records Mr Hunter as donor.

Spirifer sp. cf. *S. bisulcata* Sowerby

F5641

Spirifera allied to *Sp. bisulcata* Sow. in Etheridge, 1872, p. 335, pl.17, fig.4.*Spirifera trigonalis* Martin sp.var. *bisulcata* G.B. Sby.; Etheridge fil., 1892, p.230, pl.9, fig.15.

LOCALITY: Bowen River, CQ.

FORMATION: ?

AGE: Permian.

Spirifera convoluta Phillips, 1836

F5640

Spirifer convoluta ? Phill.; Etheridge, 1872, p.335, pl.17, fig.3.*Spirifer convoluta* Phillips; Etheridge fil., 1892, p.229, pl. 10, fig.11.

LOCALITY: Bowen Basin, CQ.

FORMATION: ?

AGE: Permian.

Spirifera sp. cf. *S. oviformis* McCoy

F952

Spirifera (allied to *S. oviformis* McCoy); Etheridge fil., 1892, pl.40, fig.3.

LOCALITY: Banana Creek, CQ.

FORMATION: ?Flat Top Formation.

AGE: Permian.

Spirifera striata (Martin)

F5642

Spirifera striata (Martin); Etheridge, 1872, pp.334-5, pl.17, fig.5.*Spirifera striata* Martin sp?; Etheridge fil., 1892, pp.227-8, pl.9, fig.16.

LOCALITY: Bowen Basin, Peak Downs, CQ.

FORMATION: ?

AGE: Permian.

REMARKS: R. L. Jack footnote in Etheridge fil. (1892, p.228) noted that the Bowen River does not extend into the Peak Downs District.

Strangesta sp.

F6549

Strangesta sp.; Hill *et al.*, 1970, pl.Cz4, fig.7.

LOCALITY: Olsens Cave, near Rockhampton, MEQ.

FORMATION: Unnamed cave deposits.

AGE: Pleistocene.

Strophomena analoga (Phillips, 1836)

F945

Strophomena rhomboidalis var. *analoga* Phillips; Etheridge fil., 1892, p.245-6, pl.40, fig.6.

LOCALITY: Rockhampton District, MEQ.

FORMATION, AGE: Permian.

REMARKS: Referred to as *Strophomena analoga* Phillips? in Etheridge fil. (1892, pl.40, fig.6).

Struszcocrinus dulciculus Jell *et al.*, 1988

F14534

PARATYPE *Struszcocrinus dulciculus* Jell *et al.*, 1988, pp.367-8, fig.9n.

LOCALITY: QML512, Wellington topographic sheet [799867] 870m NNW of Mountain View Homestead on Wellington Caves Road, 9km SSW of Wellington, NSW.

FORMATION: Garra Fm.

AGE: Early Devonian, (Pragian, assumed *sulcatus* biozone).

REMARKS: Jell *et al.* (1988) incorrectly refer to this specimen as F14543 in fig.9.

F14535

PARATYPE *Struszcocrinus dulciculus* Jell *et al.*, 1988, pp.367-8.

LOCALITY, FORMATION, AGE: As for F14534.

Symphyllia sp. cf. *S. recta* (Dana, 1846)

F12400

Symphyllia cf. *recta*; Pickett *et al.*, 1985, pp.103-14.

LOCALITY: S of Amity Point, N Stradbroke Island (Brisbane 1:100,000 Sheet, grid reference 441658).

FORMATION: Unnamed marine sediments.

AGE: Pleistocene.

REMARKS: See *Porites* sp.

Tellina mariaeburiensis Etheridge, 1872

F1254a/b

SYNTYPE *Tellina mariaeburiensis* Etheridge, 1872, p.341, pl.20, fig.6a.

Palucomoera mariaeburiensis (Etheridge) Etheridge fil., 1892, p. 570.

Tellina mariaeburiensis (Etheridge, 1872) Hill *et al.*, 1968, pl. K6, fig.10.

Tellina mariaeburiensis Eth., 1872; Fleming 1970, pp.7-8, pl. 1, fig.4.

LOCALITY: Maryborough, SEQ.

FORMATION: Maryborough Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: The counterpart of this specimen referred to as F1255 by Hill *et al.* (1968) and Fleming (1970) was reregistered as F1254b. Daintree Collection.

F1256

SYNTYPE *Tellina mariaeburiensis* Etheridge, 1872, p.341, pl.20, fig.6 (large valve).

Palucomoera mariaeburiensis (Etheridge) Etheridge fil., 1892, p. 570.

Tellina mariaeburiensis Eth., 1872; Fleming, 1970, pp.7-8, pl. 1, fig.5.

LOCALITY, FORMATION, AGE: As for F1254.

REMARKS: Daintree Collection.

F1257

SYNTYPE *Tellina mariaeburiensis* Etheridge, 1872, p.341, pl.20, fig.6 (small valve).

Palucomoera mariaeburiensis (Etheridge) Etheridge fil., 1892, p. 570.

Tellina mariaeburiensis Eth., 1872; Fleming, 1970 pp.7-8.

LOCALITY, FORMATION, AGE: As for F1254.

REMARKS: Daintree Collection.

Tetracrita sp.

F2026b

Tetracrita sp.; Withers, 1932, p.122.

Tetracrita sp.; Hill *et al.*, 1970, pl.Cz6, fig.1.

LOCALITY: Magnetic Island, NQ.

FORMATION: Raised beach rock.

AGE: Pleistocene/Holocene?

REMARKS: Withers (1932) used F2026 for four different taxa on the same block. This specimen has been reregistered as F2026b.

Thalassina squamifera (Herbst, 1804)

F679

Thalassina anomala, Herbst; Etheridge fil. and McCulloch, 1916, p.7.

LOCALITY: Daly River, Anson Bay, NT.
FORMATION: Unnamed estuarine deposits.
AGE: Pleistocene.

REMARKS: Campbell and Woods (1967) evaluated modern and fossil material previously referred to *T. anomala* from Australia and placed it in *T. squamifera*.

F6556

Thalassina anomala (Herbst, 1804); Hill *et al.*, 1970, pl.Cz6, fig.5.

LOCALITY: Styx River, MEQ.
FORMATION: Unnamed estuarine deposits.
AGE: Pleistocene.
REMARKS: See F679.

F13694

Thalassina anomala Herbst; Etheridge fil. and McCulloch, 1916, p.7, pl.1, fig.1.

LOCALITY: Darwin, NT.
FORMATION: Unnamed estuarine deposits.
AGE: Pleistocene.
REMARKS: This specimen is part of a collection of *T. squamifera* that was given the registration number F318. F13694 and the other figured material have been allocated new registration numbers. See F679.

F13695

Thalassina anomala Herbst; Etheridge fil. and McCulloch, 1916, p.7, pl.1, fig.2.

LOCALITY: Darwin, NT.
FORMATION: Unnamed estuarine deposits.
AGE: Pleistocene.
REMARKS: See F13694.

F13696

Thalassina anomala, Herbst; Etheridge fil. and McCulloch, 1916, p.7, pl.2, fig.3.

LOCALITY: Darwin, NT.
FORMATION: Unnamed estuarine deposits.
AGE: Pleistocene.
REMARKS: Refer F13694.

Tillocheles shannonae Woods, 1957

F3248

Tillocheles shannonae Woods, 1957, pp.171-3.
LOCALITY: 'Currane', 10 miles N of Dartmouth, CO.
FORMATION: Allaru Mudstone.
AGE: Lower Cretaceous, (Albian).

F3250

Tillocheles shannonae Woods, 1957, pp.171-3.

LOCALITY, FORMATION, AGE: As for F3248.

F3251

Tillocheles shannonae Woods, 1957, pp.171-3, pl.5, fig.6.

Tillocheles shannonae Woods, 1957; Hill *et al.*, 1968, pl.K11, fig.4.

LOCALITY, FORMATION, AGE: As for F3248.

F3252

HOLOTYPE *Tillocheles shannonae* Woods, 1957, pp.171-3, pl.5, fig.5, text fig.8.

LOCALITY, FORMATION, AGE: As for F3248.

F3253

Tillocheles shannonae Woods, 1957, pp.171-3.

LOCALITY, FORMATION, AGE: As for F3248.

?Tonohamites taylori (Etheridge fil., 1892)

F1271

HOLOTYPE: *Ancyloceras taylori* Etheridge fil., 1892, pp.498-9, pl.42, fig.13.

Crioceras taylori, Eth. fil., Etheridge fil., 1909, pp.162-3.

Toxoceratoides taylori (Etheridge fil.) Whitehouse, 1926, pp.216-7.

?Tonohamites taylori (Etheridge Jnr., 1892) Day, 1974, p.14.

LOCALITY: 'Wrotham Park', Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Day (1974) noted that Arkell *et al.*, (1957) regarded *Toxoceratoides* and *Tonohamites* as *nomina dubia* and possibly synonymous with *Hamiteceras* Anderson, 1938. Casey (1961, pp.76-7) resurrected Hyatt's family Helicaneylidae as a subfamily of Ancyloceratidae, and concluded that *Toxoceratoides* and *Tonohamites* are recognisable taxa within this subfamily. Day (1974) was unsure of the generic placement of F1271 and F1797 but referred them to *Tonohamites*. Collected Hann's Expedition, 1872. See also F1396 (*Australiceras jacki*).

F1797

Toxoceratoides taylori (Etheridge fil.) Whitehouse, 1926, pp.216-7, pl.34, fig.5.

?Tonohamites taylori (Etheridge Jr, 1892) Day, 1974, p.14.

LOCALITY: 'Wrotham Park', Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Collected Hann's Expedition, 1872.

This specimen was part of the same hand specimen which contains F1271. The shaft of the specimen is missing, but the external mould of the shaft remains. (See also F1271).

Torynomma quadrata Woods, 1953

F2877

HOLOTYPE *Torynomma quadrata* Woods, 1953, pp.54-6, figs3a,c, pl. 2, fig.6.

Torynomma quadrata Woods, 1953; Hill *et al.* 1968, pl.K11, fig. 9.

Torynomma quadrata Woods; Glaessner, 1980, p.181, pl.2, fig. 8.

LOCALITY: 10 miles N of Dartmouth, CO.

FORMATION: Allaru Mudstone.

AGE: Lower Cretaceous, (Albian).

F2878

Torynomma quadrata Woods, 1953, pp.54-6.

Torynomma quadrata Woods; Glaessner, 1980, p.181.

LOCALITY, FORMATION, AGE: As for F2887.

F2879

Torynomma quadrata Woods, 1953, pp.54-6.

Torynomma quadrata Woods; Glaessner, 1980, p.181.

LOCALITY, FORMATION, AGE: As for F2877.

F2880

Torynomma quadrata Woods, 1953, pp.54-6, fig.3d.

Torynomma quadrata Woods; Glaessner, 1980, p.181.

LOCALITY, FORMATION, AGE: As for F2877.

F2881

Torynomma quadrata Woods, 1953, pp.54-6.

Torynomma quadrata Woods; Glaessner, 1980, p.181.

LOCALITY, FORMATION, AGE: As for F2877.

Triassocotis amplicata Evans, 1961

F3689a/b

HOLOTYPE *Triassocotis amplicata* Evans, 1961, p.16, fig.1g.

LOCALITY: Mt Crosby Insect Beds, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Triassocotis australis Evans, 1956

F3687

Triassocotis australis Evans, 1956; Evans, 1961, p.16, fig. 1e.

LOCALITY: Mt Crosby Insect Beds, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Triassocotis stricta Evans, 1961

F3688a/b

HOLOTYPE *Triassocotis stricta* Evans, 1961, p.16, fig.1f.

LOCALITY: Mt Crosby Insect Beds, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Triassohyponomus dinmorensis Rozefelds and Sobbe, 1987

F13436

Insect leaf mines, Rozefelds, 1985a, pp.80-1, pl.1, fig.a.

HOLOTYPE *Triassohyponomus dinmorensis*, Rozefelds and Sobbe, 1987, pl. 51-57, figs 2,3.

LOCALITY: Dinmore, 27°31'S, 152°51'E, SEQ.

FORMATION: Tivoli Fm.

AGE: Late Triassic.

F13435

Triassohyponomus dinmorensis Rozefelds and Sobbe, 1987, p.51-57, fig.4d.

LOCALITY, FORMATION, AGE: As for F13436.

Triassothea analis Evans, 1956

F6515a/b

Triassothea analis Evans, 1956; Evans, 1971, p.148, fig.3b.

LOCALITY: Mt Crosby, SEQ, Upper Bed, 910805-911805, Ipswich 1 mile military map.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

F6523a/b

Triassothea analis Evans, 1956; Evans, 1971, p.148, fig.3c.

LOCALITY, FORMATION, AGE: As for F6515.

F6524

Triassothea analis Evans, 1956; Evans, 1971, p.148, fig.3d.

LOCALITY, FORMATION, AGE: As for F6515.

Tricrosbia minuta Evans, 1971

F6520

HOLOTYPE *Tricrosbia minuta* Evans, 1971, pp.145-6, fig.1.

LOCALITY: Mt Crosby, SEQ, Upper bed, 910805-911805, Ipswich 1 mile military map.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Trifidella perfecta Evans, 1956

F3690a/b

Trifidella perfecta Evans, 1956; Evans, 1961, p.18, fig.3a.

LOCALITY: Mt Crosby Insect Beds, SEQ.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

REMARKS: The counterpart of this specimen originally referred to as F3691 has been re-registered as F3690b.

F3692

Trifidella perfecta Evans, 1956; Evans, 1961, p.18, fig.3b.

LOCALITY, FORMATION, AGE: As for F3690.

F6504a/b

Trifidella perfecta Evans, 1956; Evans, 1971, p.146.

LOCALITY: Mt Crosby Insect Beds, Upper bed, 910805-911805, Ipswich, 1 Mile Military Sheet.

FORMATION: Mt Crosby Fm.

AGE: Early Late Triassic, (Carnian).

Trigonia moorei Lycett, 1870

F5603

Trigonia moorei Lycett, 1870; Skwarko, 1974, pp.92-3.

LOCALITY: ?Newmarracarra Limestone, WA.

FORMATION: ?Newmarracarra Limestone.

AGE: Middle Jurassic, (Bajocian).

F5606

Trigonia moorei Lycett; Whitehouse, 1924, pp.4-6.*Trigonia moorei* Lycett; 1870; Skwarko, 1974, pp.92-3.

LOCALITY, FORMATION, AGE: As for F5603

F5607

Trigonia moorei Lycett; Whitehouse, 1924, pp.4-6.

LOCALITY, FORMATION, AGE: As for F5603.

Tropaeum undatum Whitehouse, 1926

F1264

Crioceras jackii Eth. fil.; Etheridge fil., 1909, pp.145-8, pl.31, figs 1,2.HOLOTYPE *Tropaeum undatum* Whitehouse, 1926, pp.215-6.*Tropaeum undatum* Whitehouse, 1926; Day, 1974, pp.6-7, Table 1.

LOCALITY: probably Walsh River, NQ.

FORMATION: ?

AGE: Lower Cretaceous.

REMARKS: Collected Hann's Expedition, 1872, probably from the Walsh River.

F1266

Crioceras jackii Eth. fil.; Etheridge fil., 1909, pp.145-8, pl.32, fig.2, pl.34, fig.1.*Tropaeum arcticum* (Stolley); Whitehouse, 1926, p.215.*Tropaeum arcticum* (Stolley); Day, 1964, p.18.*Tropaeum undatum* Whitehouse, 1926; Hill *et al.*, 1968, K7, fig. 3.*Tropaeum undatum* Whitehouse, 1926; Day, 1974, pp.1, 7-8, pl. 3, figs 2a,b, Table 1.

LOCALITY: Roma, SEQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

F1598

HOLOTYPE *Tropaeum rarum* Whitehouse, 1926, p.216, pl.36, figs 1a,b.*Tropaeum undatum* Whitehouse, 1926; Day, 1974, pp.6-8, Table 1.

LOCALITY: Walsh River, NQ.

FORMATION: Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Collected Hann's Expedition, 1872.

F1605

Crioceras jackii Eth. fil.; Etheridge fil., 1909, pp.145-8, pl.38, figs 4-5.*Tropaeum undatum* Whitehouse, 1926; Day, 1974, pp.6-8, Table 1.

LOCALITY: ?Walsh River, NQ.

FORMATION: ?Blackdown Fm.

AGE: Lower Cretaceous, (Aptian).

REMARKS: Collected Hann's Expedition, 1872.

Vacunella curvata (Morris, 1845)

F1252

SYNTYPE *Panopaea (Mya) plicata* Sow., var. *acuta* Etheridge, 1872, pp.342-3, pl.21, fig.3.*Chaenomya (?) acuta* Etheridge; Etheridge fil., 1892, p.280.*Vacunella curvata* Morris (1845); Waterhouse, 1965, p.852.

Vacunella curvata (Morris), 1845; Runnegar, 1967, pp.63-7

Vacunella curvata (Morris) 1845; Waterhouse, 1969, pp.38, 71-2, pl.3, figs 5,6.

LOCALITY: Pelican Creek, Bowen River, CQ (see remarks).

FORMATION: ?

AGE: Upper Permian.

REMARKS: Etheridge (1872) considered this Daintree Collection material to be Cretaceous, although the locality for this material (if accurate) would rule out this possibility. Etheridge (1892) doubted whether fig.3 and 3a were referable to the same taxon but indicated a Permian age for F1252. Waterhouse (1965) concurred in this assessment and referred F1252 to the Permian genus *Vacunella* and F1251 to the Cretaceous genus *Panopea*. Waterhouse (1969) erroneously refers to F1252 as F1952.

Vacunella dawsonensis Runnegar, 1967

F1814

Chacnomya? n.sp.; Runnegar, 1966, pp.374-5, fig.1d.

Vacunella? *dawsonensis* Runnegar, 1967, pp.73-4, pl.11, figs 1,2.

?*Australomya dawsonensis* Runnegar, 1967; Runnegar, 1969, pp. 287-8, figs 3a,c.

Vacunella dawsonensis Runnegar, 1967; Waterhouse, 1987a, p.174.

LOCALITY: Castle Creek, Dawson Valley, CQ.

FORMATION: ?Barfield or Flat Top Fms.

AGE: Lower Upper Permian

Velesunio ambiguus (Philippi, 1847)

F1621

Velesunio ambiguus (Philippi, 1847); Hill *et al.*, 1970, pl. C25, fig.11.

LOCALITY: Darling Downs, SEQ.

FORMATION: Unnamed fluvial deposit.

AGE: Pleistocene.

Wyndhamia clarkei (Etheridge, 1872)

F2887

SYNTYPE *Productus clarkei* Etheridge, 1872, p.334, pl.17, fig. 2.

Productus clarkei Etheridge; de Koninck, 1877, p.203.

Productus clarkei Etheridge; Etheridge fil., 1878, p.51.

Strophalosia clarkei Etheridge; Etheridge fil., 1892, pp.258-60

Strophalosia clarkei Etheridge; Prendergast, 1942, pp.42-3

LECTOTYPE *Strophalosia clarkei* Etheridge; Maxwell, 1954, pp.546-7, pl.56, figs 5, 6.

Wyndhamia clarkei (Etheridge Sr); Dear, 1971, pp.11-2.

Wyndhamia clarkei Etheridge; Hill *et al.*, 1972, pl.P4, fig. 11.

LOCALITY: Collinsville District, Bowen River, NQ.

FORMATION: Big *Strophalosia* Zone, Blenheim Fm.

AGE: Middle Permian.

REMARKS: Daintree Collection. Maxwell (1954) referred to this specimen as holotype although lectotypic status is correct. (See the *International Code of Zoological Nomenclature*).

F2888

SYNTYPE *Productus clarkei* Etheridge, 1872, p.334, pl.17, fig. 2a.

Productus clarkei Etheridge; de Koninck, 1877, p.203.

Productus clarkei Etheridge; Etheridge fil., 1878, p.51.

Strophalosia clarkei Etheridge; Etheridge fil., 1892, pp.258-60.

Strophalosia clarkei Etheridge; Prendergast, 1942, pp.42-3.

PARALECTOTYPE *Strophalosia clarkei* Etheridge; Maxwell, 1954, pp.546-7, pl. 56, fig.8.

Wyndhamia clarkei Etheridge; Hill *et al.* 1972, pl.P4, fig.12.

LOCALITY: Collinsville District, Bowen River, NQ.

FORMATION: Big *Strophalosia* Zone, Blenheim Fm.

AGE: Middle Permian.

REMARKS: Maxwell (1954) erroneously referred to this specimen as F2887 in pl.56, fig.8. Daintree Collection.

Zaphrentis profunda Etheridge fil., 1892

F1191

HOLOTYPE *Zaphrentis profunda* Etheridge fil., 1892, p.200, pl. 44, fig.1.

Zaphrentis profunda Etheridge Jr, 1892; Hill, 1978, pp.29, 34.

LOCALITY: Rockhampton District, MEQ.

FORMATION: ?

AGE: Permian.

REMARKS: The figure in Etheridge fil. (1892)

appears to have been drawn from a plaster cast of F1191. This holotype has not been sectioned so its generic affinities are uncertain but it may be referable to *Euryphyllum* (Susan Parfrey, pers. comm., 1989). De Vis Collection.

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